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# GORMAN'S Seeds

*"Best for Southern Soils"*

1924



**"QUALITY MADE US FAMOUS"**

BIRMINGHAM, ALA.

GORMAN'S  
FROST-PROOF  
DRUM-HEAD  
CABBAGE

GORMAN'S  
IMPROVED  
RED VALENTINE  
BEANS

GORMAN'S  
SELF-BRANCHING  
CELERY

GORMAN'S  
IMPROVED RED ROCK  
TOMATO

GORMAN'S  
SNOW-FLAKE CORN

GORMAN'S  
IMPROVED PURPLE TOP  
GLOBE TURNIP

GORMAN'S  
EARLIEST SCARLET  
WHITE TIP RADISHES

# FOURTEENTH ANNUAL CATALOGUE OF GORMAN-GAMMILL SEED CO.

Long Distance Telephone, Main 3236

2328-2330 Second Avenue, North  
Between Twenty-Third and Twenty-Fourth Sts.

BIRMINGHAM, ALABAMA

## PARCEL-POST RATES

POUNDS	LOCAL	First Zone 1 to 50 Miles		Second Zone 51 to 150 Miles		Third Zone 151 to 300 Miles		Fourth Zone 301 to 600 Miles		Fifth Zone 601 to 1,000 Miles		Sixth Zone 1,001 to 1,400 Miles		Seventh Zone 1,401 to 1,800 Miles		Eighth Zone All over 1,800 Miles			
		\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12	\$0.06	\$0.07	\$0.08	\$0.09
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12	\$0.06	\$0.07	\$0.08	\$0.09
2	.06	.06	.06	.08	.11	.14	.17	.21	.24	.06	.06	.08	.10	.14	.17	.06	.06	.08	.10
3	.06	.07	.07	.10	.15	.20	.25	.31	.36	.06	.07	.08	.12	.19	.26	.33	.41	.48	.56
4	.07	.08	.08	.12	.19	.26	.33	.41	.48	.07	.08	.09	.14	.23	.32	.41	.51	.60	.72
5	.07	.09	.09	.14	.23	.32	.41	.51	.60	.07	.09	.10	.16	.27	.38	.49	.61	.72	.84
6	.08	.10	.10	.16	.27	.38	.49	.61	.72	.08	.10	.11	.18	.31	.44	.57	.71	.84	.96
7	.08	.11	.11	.18	.31	.44	.57	.71	.84	.08	.11	.11	.18	.31	.44	.57	.71	.84	.96
8	.09	.12	.12	.20	.35	.50	.65	.81	.96	.09	.12	.12	.18	.32	.47	.68	.89	.91	.98
9	.09	.13	.13	.22	.39	.56	.73	.91	.98	.09	.13	.13	.18	.32	.47	.68	.89	.91	.98
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20	.10	.14	.14	.24	.43	.62	.81	1.01	1.20	1.32
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32	.10	.15	.15	.26	.47	.68	.89	1.11	1.32	1.56
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44	.11	.16	.16	.28	.51	.74	.97	1.21	1.44	1.68
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56	1.80
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68	1.92
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80	1.92
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92	2.04
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04	2.24
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16	2.40
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28	2.56
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40	2.72
21	.15	.25	.25							.15	.25	.25							
22	.16	.26	.26							.16	.26	.26							
23	.16	.27	.27							.16	.27	.27							
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30	.20	.34	.34							.20	.34	.34							
31	.20	.35	.35							.20	.35	.35							
32	.21	.36	.36							.21	.36	.36							
33	.21	.37	.37							.21	.37	.37							
34	.22	.38	.38							.22	.38	.38							
35	.22	.39	.39							.22	.39	.39							
36	.23	.40	.40							.23	.40	.40							
37	.23	.41	.41							.23	.41	.41							
38	.24	.42	.42							.24	.42	.42							
39	.24	.43	.43							.24	.43	.43							
40	.25	.44	.44							.25	.44	.44							
41	.25	.45	.45							.25	.45	.45							
42	.26	.46	.46							.26	.46	.46							
43	.26	.47	.47							.26	.47	.47							
44	.27	.48	.48							.27	.48	.48							
45	.27	.49	.49							.27	.49	.49							
46	.28	.50	.50							.28	.50	.50							
47	.28	.51	.51							.28	.51	.51							
48	.29	.52	.52							.29	.52	.52							
49	.29	.53	.53							.29	.53	.53							
50	.30	.54	.54							.30	.54	.54							

## WE SHIP ANYWHERE BY PARCEL POST

Poisons cannot be sent by mail. Weight limit in first and second zones, 70 lbs.; in other zones, 20 lbs. Liquids and goods packed in glass should be sent by express.

### Customers Please Take Notice

Our Terms are Strictly Cash with Order. We prefer not to send seeds C. O. D., unless order is accompanied by at least one-third of the amount of the order.

How to Remit. Send postal money order, express money order, or check. Stamps will do if your order is for a small amount.

Free Delivery. We prepay postage on all seeds purchased by the packet, ounce, quarter-pound, half-pound, pound, half-pint, pint, and quart, unless otherwise noted. Lower Freight Rates and Quick Shipments. For large orders, shipments by freight are much cheaper than by express. Birmingham is one of the best distributing points in the South. The railroads radiate in every direction, giving prompt and efficient service.

Errors. We exercise every care in handling your orders, but should an error occur, kindly write us at once, and we will adjust it promptly.

You Run No Risk in sending cash with order. Our reputation as honest and reliable seedsmen is well known, while our financial standing may be learned from any merchant who subscribes for commercial-agency reports.

We Do Not Charge For Bags or Boxes.

All prices in this catalogue are subject to change without notice.

It makes no difference whether your order is large or small. The little fellows get the same good attention that the big orders get and are shipped just as promptly.

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## INTRODUCTORY

MY DEAR FRIENDS:—

In mailing you this, our 15th annual Seed Book, it is certainly our sincere desire to be of as great benefit to yourself as to us. We believe that every single item we are offering you is well worth the money, and that you will be benefited through the purchase of same. The writer has at all times felt a deep interest in the farmer. We have made a close study of farm conditions and have felt that wherever we could get the farmer to see that it was a harmful policy to leave diversification of crops out of his scheme, the path of progress would be clearly opened up to him. Notwithstanding the fact that the present year has, with a great many of our farmers, brought great disappointment, you will find wherever a farmer stuck to the principle of diversification, his condition is prosperous.

The writer had occasion, not long since, to make a trip into Bibb, Shelby, Perry, and other surrounding counties, and in many instances found the farmers quite despondent over crop results. I found very little corn, very few peanuts, scarcely any hay, no cattle, very few hogs, no cover crops at all, but everything had been planted to cotton, and lo—nothing but debts to stare them in the face. Suppose these farmers had set out with a definite policy, for instance: Enough meat for sure, enough land in corn, a few acres in burr clover or crimson, a few good heifers, an acre or more in sweet potatoes, an acre or more in sugar cane, and the balance in cotton. You can easily picture the difference in results.

The coming year, from point of high price for cotton, is going to offer a great temptation to you to repeat the same error you made this year. It does not matter if cotton brings a high price, it will not bring prosperity to you, if you depend solely upon it. You must only have cotton as a surplus crop. **Please** do not forget this. Why not put a few acres in alfalfa or a few acres in Johnson grass, the demand for hay is almost unlimited and Birmingham is a very close market for you. Do not be afraid to plant Johnson Grass. On account of the extreme high price of timothy and clovers generally, Johnson Grass hay is very popular. The plant will grow on any kind of soil, making at least three cuttings, and the hay is easily saved. A great many farmers are afraid of Johnson Grass on account of its tena-

cious nature. I have grown Johnson Grass as a hay crop and never knew it to get beyond the control of anyone who wishes to confine it to certain lands. Try a few acres, the seeds are cheap and you will surely realize a good profit from your experiment.

Be careful in selecting your seeds, for all crops. Your success is to a great measure dependent upon good seed, and always remember that "the best is the cheapest." Plant early maturing cotton, do not get the seeds in the ground until the soil is thoroughly warm, give the plants plenty of distance and cultivate very rapidly. Shallow plowing once a week should be applied in the cultivation of your cotton, and your corn should be plowed lightly at least every ten days. Rapid cultivation is surely the best method and will always produce best results. Use as largely as is possible, fertilizers containing quickly available plant food. If you plant liberally of soy beans, velvet beans, or any of the crops which store large quantities of nitrogen in your soil, you will not have to depend upon commercial fertilizers.

If the farmers throughout our country knew positively how little good they obtain from the average brand of commercial fertilizers offered them year after year, they would quickly turn to such crops as mentioned above.

The only salvation for our farmers, as we can see it, is along the above lines, and we feel that it is foolish for them to look to the government for relief. Co-operative marketing of farm products, along the lines being followed in many sections of our country, is bound to bring good results and we advise all our readers to give the matter serious thought.

In conclusion will say that we are amply prepared to give your orders prompt and careful attention and assure you in advance that any business extended us will be highly appreciated. Will say to you that we exercise the greatest care possible in the selection and care of all seeds which we offer you.

Again wishing you for 1924 one of the greatest periods of prosperity that it has ever been your good fortune to enjoy, I am

Sincerely yours,

J. B. GORMAN  
President.



# Calendar for Monthly Operations in the South

## What to Plant and When to Plant for Each Month in the Year

### JANUARY

**FOR THE GARDEN.** Manure and prepare the soil. Top dress asparagus beds with manure, also give dressing of salt and kainit. Plant asparagus roots and cabbage plants. Plant early crop of English Peas. Plant onion sets, shallots, carrots, kale, radish, spinach, and turnips. Plant in hotbeds or coldframes for late transplanting, early cabbage, collards, beets and cauliflower. Prune vines, fruit trees, hedges, etc. Spray fruit trees with Gorman's Insecticides. Sow pansy and other flower seed in hotbeds for later transplanting.

**FOR THE FARM.** Vetches, oats, and wheat can be sown; also rye and bearded barley for grazing or for green crop. Top dress fall sown grain. Use every effort to prepare land for spring crops. Send in orders for seed so as to have them on hand at the proper time for sowing.

### FEBRUARY

**FOR THE GARDEN.** Plant asparagus roots and cabbage plants. Plant in hotbeds, egg plant, pepper and tomatoes for later transplanting. Plant artichokes, Irish potatoes, English peas, and onion sets. Later in the month, early corn. Asparagus, beets, cabbage, carrots, collards, celery, mustard, parsnips, parsley, radish, salsify, spinach, and turnips can be sown. Finish pruning and transplanting vines and trees. Spray. Transplant strawberries. Hardy flower seed can be forwarded by sowing in hotbeds or in pots or boxes in the house, for later transplanting. Sow Gorman's evergreen lawn grass.

**FOR THE FARM.** Bed sweet potatoes for slips. Sow Canada field peas, oats, rye, and bearded barley. Towards end of month grasses and clovers can be put in. Sow beardless barley; cut in April; makes an excellent crop for hay or grain, no danger in feeding, as it is free from beard. Comes off in time to plant cotton or corn. Sow Dwarf Essex Rape for early green grazing. Early corn can be planted.

### MARCH

**FOR THE GARDEN.** Active month for sowing all kinds of hardy seed. The sooner most are sown the better. Set out asparagus roots. Plant English peas. Transplant cauliflower, cabbage, lettuce from hotbeds. **Sow your** herbs. Plant asparagus, beets, early cabbage, corn, carrots, cauliflower, celery, collards, egg plant, Irish potatoes, kale, lettuce, mustard, okra, parsley, parsnips, pepper, radishes, spinach, spring turnips, tomatoes, and salsify. Late in month plant a few snap beans. Tomato plants may be transplanted, if protected. Prepare land for cantaloupe, cucumbers and squash. Plant strawberries. Sow and plant your hardy flower seed. Sow Gorman's evergreen lawn grass.

**FOR THE FARM.** Sow spring oats, Canada field peas, clover and grasses of all kinds the earlier the better. Sow beardless barley; an excellent crop, comes off in time for cotton or corn. Plant artichokes for hogs, also Dwarf Essex Rape. Put in first crop Spanish peanuts. The month for planting corn. The majority of it should be put in by the 20th. Get land in condition for planting cotton.

### APRIL

**FOR THE GARDEN.** Replant any seeds necessary to secure a good stand. Plant garden corn and snap beans every two or three weeks for succession. Transplant egg plant, pepper and tomatoes. Plant cantaloupes, muskmelons, squash, and cucumbers. Lawn grass can be planted, the earlier the better. Sow flower seed. **Dahlias**, Gladiolus and Canna bulbs can be set out. Plant sunflower seed in every vacant corner, not only beautifies but makes valuable feed for poultry in the fall.

**FOR THE FARM.** The cotton planting month. Buy Gorman's Cotton Planting Seed, culled on our \$450.00 culturing machine—increases crop out-turn 15 per cent. Grasses and clovers can be planted early in the month. Plant corn, cotton, chufas, peanuts, rice, watermelons and all sorghums; millets and fodder corn can be planted during this month; likewise cow peas, velvet and soy beans. Plant sweet potato draws. Plant mangel wurzel for winter feeding. Kaffir corn, milo maize and shaluu make fine feed for poultry in the fall. Plant Bermuda seeds or sets, bene for birds, feterita, sudan grass, dasheen, watermelons.

### MAY

**FOR THE GARDEN.** Late this month transplant celery. Winter cabbage, tomatoes, etc., can be set out, well watered and protected from the sun. Plant corn and snap beans, table peas, and running beans. Late cabbage and cauliflower can be sown for transplanting in fall.

**FOR THE FARM.** Plant mangel wurzel for winter feeding, also sorghums. Millets can be planted, likewise cow peas, corn, cotton, chufas, peanuts, rice, and velvet beans and soy beans; also pumpkins. Get oats harvested and land in condition to plant corn and cotton seed. Plant sweet potato plants, sudan grass, kaffir and feterita, watermelons.

### JUNE

**FOR THE GARDEN.** Continue to transplant winter cabbage, celery plants and tomatoes for late crop, water and protect from the sun; continue to plant corn and snap beans; also plant running beans and table peas. Winter cabbage seed can be sown now if protected and watered. Plant okra, salsify, New Zealand spinach, and squash. Prepare ground for turnips.

**FOR THE FARM.** Sow millets, sorghums, cow peas, soy beans, velvet beans, peanuts, and chufas. Plant your late corn and early cotton. Mangel wurzel beets can be sown. Plant sweet potato cuttings, sudan grass, feterita and kaffir corn, and beggar weed.

### JULY

**FOR THE GARDEN.** Gather and store onions, shallots and Irish potatoes. Put in another crop of beets. Plant rutabagas and turnips. Replant cabbage and celery. Sow collards for transplanting in fall. Plant cucumbers for pickling.

**FOR THE FARM.** Sow German millet, cow peas and soy beans. Put in last crop Spanish peanuts. Plant Mexican June crop. Sow corn in drills for ensilage or fodder. Crimson and burr clovers can be sown in the last planting of corn or cotton, for winter grazing or as a soil improver. Sow Dwarf Essex Rape for greens and grazing. Plant Lookout Mountain potatoes and Second Crop Cold Storage potatoes for fall.

### AUGUST

**FOR THE GARDEN.** Snap beans, lettuce, spinach, carrots, salsify, and turnips may be planted; also cucumbers for pickling. Set out your late crop of tomato plants and earth up your celery. Set out cabbage and collard plants for fall. Late in month English peas can be successfully planted.

**FOR THE FARM.** Crimson clover should be sown. Excellent hay crop for grazing, and a wonderful soil improver if turned under. Rye and bearded barley should be sown for fall and winter grazing. Rye can be planted as a cover crop and turned under. Bearded barley can be planted last of the month and cut in October and November, followed by other grain crops. Towards the end of the month sow vetches and rape. Grasses can be put in. Alfalfa and clovers can be successfully planted. August 1st sow amber sorghum and sudan grass. Sow burr clover in cotton and corn middles.

### SEPTEMBER

**FOR THE GARDEN.** Carrots, kale, beets, chard, lettuce, spinach, radishes, turnips, salsify, parsnips, and parsley can be sown. Set out collards, winter cabbage. Put out onion sets for your early crop. Strawberry beds should be prepared and plants set out. Sow Gorman's evergreen lawn grass. Early flowering bulbs can be planted.

**FOR THE FARM.** Sow beardless barley, cut in November. Cut in bloom makes excellent hay, or ripe makes fine grain for food; no beards, can be fed to stock without danger. Comes off in time to be followed by other grain or clover or early crops. Sow Crimson clover. Sow burr clover in Bermuda fields and corn in cotton middles. Sow vetches, grass and clover seed. Winter turf and grazing oats do well sowed this month, as they get well rooted before the cold. Sow barley and rye for winter grazing. Plant Dwarf Essex Rape and Gorman's grazing mixture.

### OCTOBER

**FOR THE GARDEN.** Turnips can be planted for winter use, but it is almost too late to bring roots to much perfection. Collards, kale, lettuce, mustard, and spinach can be grown. Onion sets can be planted. Plant your strawberry beds. Plant hyacinth bulbs, tulips, narcissi, jonquils, crocus, freesias, and Chinese sacred lilies. Plant Gorman's evergreen lawn grass.

**FOR THE FARM.** All kinds of grasses and clovers can be sown. Clovers should not be put in early in the month. Sow barley and oats, wheat, rye and vetches.

### NOVEMBER

**FOR THE GARDEN.** English peas may be planted this month. Strawberry beds planted. Onion sets and cabbage plants can be planted. Begin to get ready to start spraying. Sow lawn grass and flower bulbs—See October.

**FOR THE FARM.** Gather and bank sweet potatoes. Barley, oats, rye, and wheat can be sown. Herd's grass. Sow Canada field peas, vetches and clover and Gorman's grazing mixture. Sow rye on all vacant land for fall grazing and cover crop to improve the soil.

### DECEMBER

**FOR THE GARDEN.** Prepare your hotbeds and cold frames. Plant onion sets, cabbage, and lettuce, and beets can be sown in hotbeds or cold frames for later transplanting. The winter growing of lettuce is very profitable. Prune your trees and vines and spray for scales with Gorman's spray materials. Plant asparagus roots.

**FOR THE FARM.** Oats, wheat, vetches and clovers can be planted. Rye and barley for grazing and grain crops. Canada field peas can be sown, but must be planted deep.



# Gorman's Seeds Stand for Quality

## The Importance of Good Seeds

The very foundation of your crop is fresh, vigorous seeds. It matters not how well you prepare the soil, if the seeds you put in the ground are inferior, all of your work and expense amount to nothing but loss. We have endeavored at all times to collect from different sections of our country the very best sorts and of highest quality it is possible to buy. We have selected from sections of our country such seeds as would do best at all times, exercised the very best judgment in the selection of varieties best suited to our southern soils and climate. You may not attach much importance to what we have just said, but it is a well known fact that seeds produced in certain sections of the United States, planted here, will not pay for the expense of planting. We firmly believe that in placing your order with us for garden and field seeds, you will not in a single instance be disappointed over results. We urge you to place your orders as early as possible, and also to make thorough preparation of soil. Do not neglect to fertilize liberally, as a great many crops mature rapidly and therefore an abundant supply of quickly available plant food should be provided.

## Asparagus

Asparagus grows better and produces earlier in the spring if planted in well-drained soil, having a southern exposure. One ounce of seed for 40 feet of drill; 2 pounds of seed produce enough roots for 1 acre.

**BARR'S MAMMOTH.** The stalks are very large with few scales: they retain their thickness up to the top and have close, round heads. Barr's Mammoth is considered one of the finest of all Asparagus varieties. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c, postpaid.

**PALMETTO.** Large, thick, dark green shoots with distinctly pointed tip. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c, postpaid.

## Asparagus Roots

**BARR'S MAMMOTH.** Two-year-old roots, 50c per doz.; \$3.00 per 100.

**PALMETTO.** Two-year-old roots, 50c per doz.; \$3.00 per 100.



**ARTICHOKE ROOTS.** Many of our customers have come to know the true value of the Jerusalem Artichoke for market, for table use, and as a food for hogs and cattle.

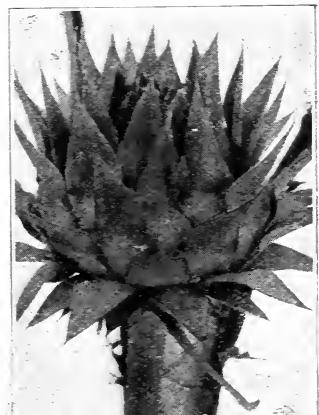
## Rhubarb Roots

We can furnish you nice roots, which, if planted in good soil, early in the spring, will make a strong growth and yield stalks for market the following spring. Two-year-old roots, 25c each; \$2.50 per doz.; \$10.00 per



## Artichoke

**GREEN GLOBE.** The Globe Artichoke is a perennial, cultivated for its flower-heads, which are cooked like asparagus. Pkt., 25c;  $\frac{1}{2}$  oz., 60c, postpaid.

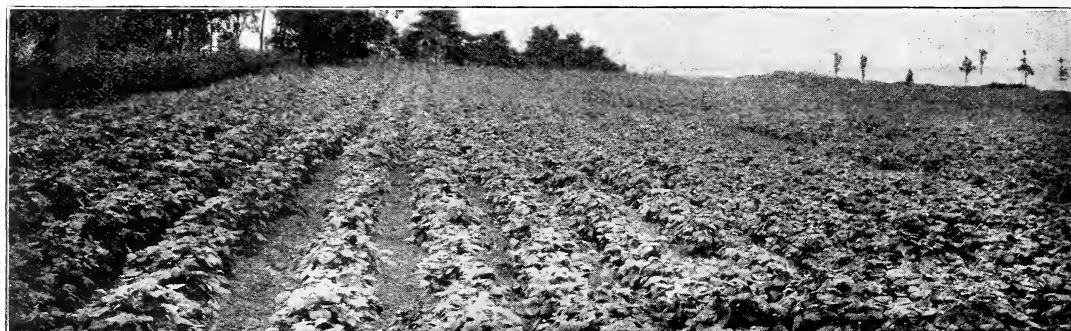


Green Globe Artichoke.



GORMAN'S SEEDS

STAND FOR QUALITY.



A Field of Gorman's Improved Strain of Burpee's Stringless Green Pod Beans.

## Gorman's Improved Strains of Snap or Edible Pod Beans

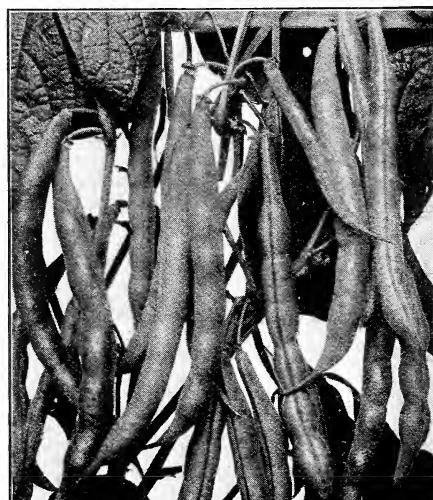
Two pounds to 100 feet of drill; 60 to 90 pounds per acre.

**Culture.** Beans can be planted in the South from January to May, and again in September or latter part of August for fall crop. In gardens plant in rows about 18 inches apart, dropping beans four to six inches apart in the row. Field planting, rows  $2\frac{1}{2}$  to 3 feet apart. Cultivate often enough to keep clean until blooms appear, but not when vines are wet. Extra heavy manuring is not needed. To get the full benefit throughout the entire season of tender beans for your table, make several plantings of wax and green pod varieties. The first planting can be made quite early, then plant another row ten days or two weeks later, and so on. In this way you will secure nice brittle pods until heavy frost in fall.



Gorman's Special Strain of Improved Longfellow Beans.

### Bush or Bunch Beans



Gorman's Special Trucker's Strain Red Valentine Beans.

### Gorman's Improved Strain of Burpee's Stringless Green Pod

is without question the most popular bean of its kind. The plants are of strong growth, pods ranging in length from five to six inches. It is the most prolific bean known of the bunch variety, and is ready for market five to seven days earlier than Gorman's Improved Red Valentine.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 50c. By mail, postpaid.

**Gorman's Special Trucker's Strain Red Valentine** is far superior to the ordinary type of this bean. It is extremely early, very prolific and hardy. It is an enormous yielder and every trucker should plant some of these beans for profit.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 50c. By mail, postpaid.

**Gorman's Improved Longfellow** An extra early variety, of fine quality; an ideal snap bean, a prolific producer of perfectly round, straight, solid, fleshy pods, averaging six and one-half inches long; wonderfully tender and brittle. We recommend this as a middle early variety.  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 60c. By mail, postpaid.

**BOUNTIFUL.** Of thrifty growth and very hardy. The stringless and tender flat green pods are produced very early in the season and the bushes continue to bear for a long time. The pods remain in good condition for quite some time. Extensively grown for market. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00, postpaid. By freight or express, 10 lbs. or more, at 28c per lb.

SPECIAL PRICES TO TRUCKERS.



## BEANS—Continued.

Gorman's Special Strain Burpee's Giant Stringless Green Pod

(Forty-two days). A very desirable variety of the stringless class, quite early, producing large, green pods measuring five to six inches in length, perfectly round, brittle, very fleshy; stringless. One of the best snap beans for southern climate.  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 60c. By mail, postpaid.

**BLACK VALENTINE.** This bean has the advantage of being suitable both for early and late planting, being extremely hardy. It resists blight and is vigorous and prolific; pods perfectly round and straight.  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 60c. By mail, postpaid.

Gorman's Improved Tennessee Green Pod

Remarkably prolific and continuous bearer. This bean has become a great favorite wherever known; is a middle early variety; pods rather flat, ranging in length from five to seven inches and are very juicy and tender. They are much more desirable for market than any other bean of its class.  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 60c. By mail, postpaid.

You cannot buy sweeter singing Canaries than our imported songsters at \$10.00—Every bird absolutely guaranteed.



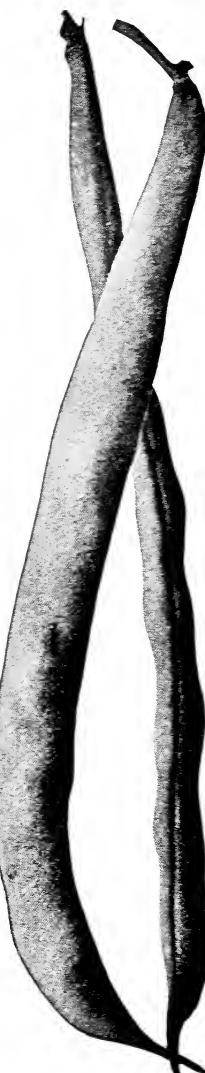
Gorman's Special Strain Burpee's Giant Stringless Green Pod Beans.

**Wax or Yellow Pod Beans**Gorman's Improved Prolific Black Wax

This is a much improved strain of the old Black Wax. Its habit of growth is stronger, it has longer, straighter and more rounded pods and is far more productive. The pods are of handsome yellow color, fleshy, and stringless. Quality the very best. Market gardeners consider it an exceptionally valuable sort. Pkt., 10c;  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 65c. By mail, postpaid.

**IMPROVED GOLDEN WAX.** This is an improved strain of the old Golden Wax and is a standard variety for general use with market gardeners as well as for home gardens. The pods are straight and succulent, very flat, and of a yellow color. The quality is usually fine and the pods are thick. We recommend it to our customers as a superior wax bean. Pkt., 10c;  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 65c. By mail, postpaid.

**WARDWELL'S KIDNEY WAX.** This variety matures a little later than the Golden Wax, yields a large crop of long, flat, straight, broad, golden yellow, handsome pods of large size. About six inches long, and of the finest quality. Suitable for snaps for the home garden. Pkt., 10c;  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 65c. By mail, postpaid.



Gorman's Improved Tennessee Green Pod Beans.



Gorman's Improved Black Wax Beans.



## Pole or Running Beans

The Pole or Running varieties are tender and should be sown a couple of weeks later than bush beans. A sandy loam soil, liberally manured, assures the best success. Use poles five to eight feet long set in rows four feet apart, planting six beans in a circle around pole. After the beans are well advanced they should be thinned to about five plants to the hill. They may also be planted in the corn field and allowed to run up the stalks. One pint is sufficient to plant one hundred and fifty hills, one-half bushel to the acre, planted in the spring and fall.

### Gorman's Special Strain of Kentucky Wonder or Texas Pole Bean

Very  
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of our readers, if any, are not thoroughly acquainted with the splendid qualities of the Texas Pole or Kentucky Wonder Bean. Our improved strain of this variety is the most superior type on the market today. The improvement in this type has been brought about by many years of careful handling and selecting. This is the greatest moneymaker of all the pole type of snap beans. You can not plant too many of them. Plant at intervals of ten to fifteen days and you will have a bountiful supply of beans throughout the spring and summer. Pkt., 10c; pt., 45c; qt., 65c, postpaid.

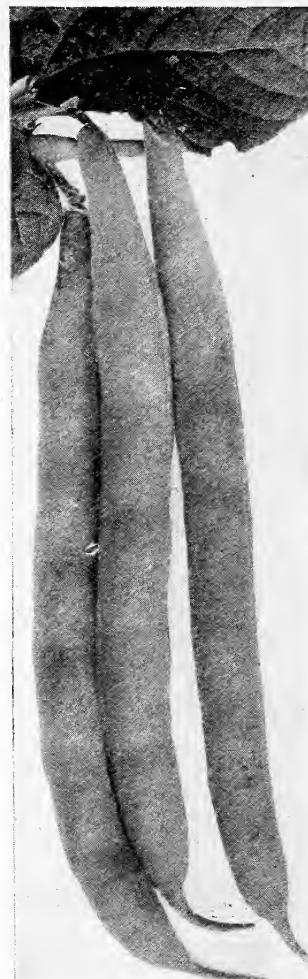
**McCaslin Pole Bean** This most excellent rust-proof, corn field, pole bean was introduced a good many years ago and has rapidly increased in popularity till today there is but one bean on the American continent which is more extensively cultivated, this is the Texas Pole or Kentucky Wonder. The writer sincerely believes that in view of the fact that this bean will grow perfectly on corn stalks, it can be produced a great deal cheaper than Texas Pole Beans. We advise everyone, whether they plant for market or home consumption, our strain of this variety is of the very best quality obtainable. Do not fail to let us have your order early as our supply is limited. Pkt., 10c; pt., 40c; qt., 70c. By mail, postpaid.

**LAZY WIFE.** One of the best of the later green-podded Pole Beans for snaps or shelled use. The medium green pods, borne in large clusters, are from  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches long, broad, thick, fleshy, and entirely stringless. They have a rich, buttery flavor which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white, medium size, slightly oval, or nearly round.  $\frac{1}{2}$  pt., 25c; pt., 45c; qt., 65c. By mail, postpaid.

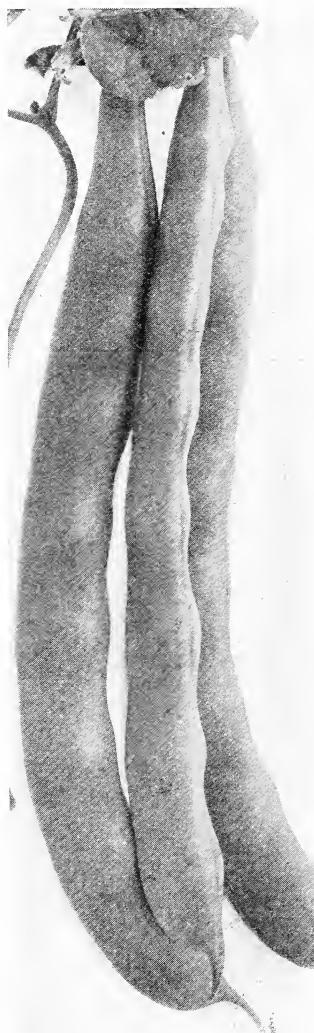
**TENNESSEE WONDER.** Undoubtedly the best Cornfield Bean ever grown. Very prolific, bears continually until frost. Seeds when dry are large, flattish and oval, incurved at eye. Color generally gray, but marked with many irregular stripes. The Department of Agriculture Bulletin, No. 100, states that the "green pods are largest and handsomest of all cultivated beans, the pods curved, double-barreled, tinged with purple and wrinkled and depressed between each of the eight or nine seeds." We have tested out this bean and can frankly and truly say that it is not even approached in quality and quantity by any other variety. Pt., 40c; qt., 75c, postpaid. By express or freight, not prepaid, pt. 40c; qt., 65c;  $\frac{1}{2}$  pk., \$2.00; pk., \$4.00.

**WHITE-SEEDED KENTUCKY WONDER.** Similar to the Kentucky Wonder, except that the seed is white and pods not quite so large. It is desirable for shelling when green, also valuable as a dry bean for winter use. Known also as Berger's Stringless Green Pod. Pkt., 10c; pt., 45c; qt., 65c, postpaid. By express or freight, not prepaid, pt., 35c; qt., 65c; pk., \$4.00.

**SOUTHERN WHITE CREESEBACK.** Handsome green pods, 6 to 7 inches long, produced in clusters; meaty; almost stringless; splendid shipper. Pt., 45c; qt., 65c, postpaid. By express or freight, not prepaid, pt., 35c; qt., 60c; pk., \$4.00.



McCaslin Pole Beans.



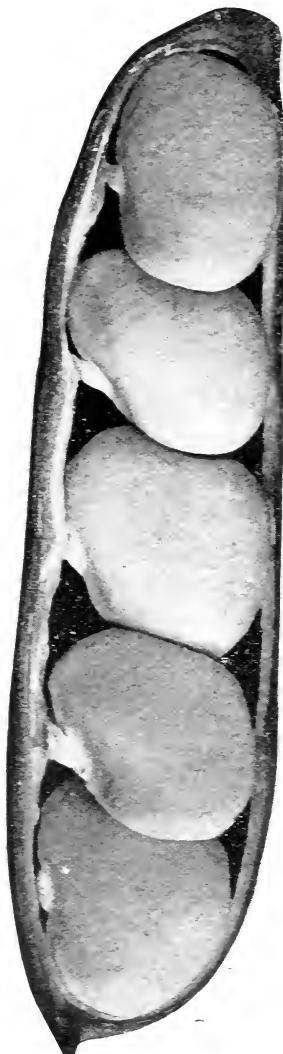
Kentucky Wonder or Texas Pole Beans.

# Gorman's Bush Lima Beans

**Culture.** Lima beans are not as hardy as snap beans and should not be planted before the ground is warm and frost is over. Plant bush limas in 3-foot rows, dropping 3 beans 15 inches apart in the row. For the tall varieties, set 6- to 8-foot poles firmly in the center of the hills 3 feet apart in 4-foot rows before the seeds are planted. Cover the beans 1½ inches deep. One quart of Burpee's Large Limas will plant 100 hills; one bushel to the acre. One quart of the smaller-seeded varieties will plant 200 hills; one-half bushel to the acre.

**BURPEE'S IMPROVED BUSH LIMA.** A dwarf type of the large white Lima Bean; of splendid quality, but does not fill out well except on rich, mellow soil. Pt., 50c; qt., 75c, postpaid. By express or freight, not prepaid. pt., 40c; qt., 70c; pk., \$5.00.

**IMPROVED HENDERSON BUSH LIMA.** This variety belongs to the class of Small Limas. They are extensively grown in the South, where they are commonly called "Butter Beans." Mature early and produce an enormous crop. The plants are of true bush growth and bear tremendously, each pod being filled with three or four green beans which have a delicious and sweet flavor. Pkt., 10c; pt., 50c; qt., 75c, postpaid. By express or freight, not prepaid. pt., 40c; qt., 75c; pk., \$5.00.



King of the Garden Lima Beans.



Carolina or Sieve Beans.

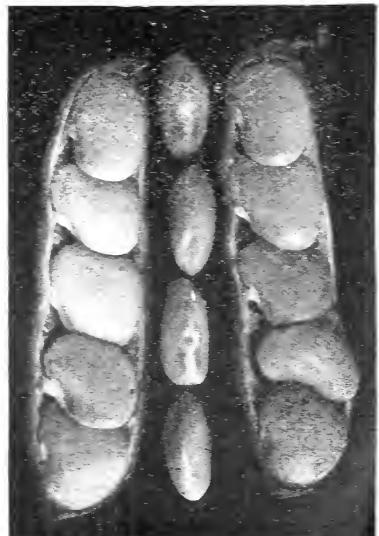
## Gorman's Giant Podded Pole Limas

**CAROLINA OR SIEVE.** The "Butter Bean" of the South. (Pole). Vines vigorous, with many short branches, and sometimes grown without poles; very early, productive, with small, smooth, dark green leaves. Pods dark green, short, about 8 inches, curved, flat. Seed small, flat, white, with slight tinge of yellow. Pkt., 10c; pt., 45c; qt., 75c, postpaid. By express or freight, not prepaid. pt., 40c; qt., 75c; pk., \$5.00.

**KING OF THE GARDEN.** An old standard sort. A strong grower and uniformly large podded. The pods frequently contain 5 or 6 big beans. These beans are of excellent quality, easily shelled, of large size, and of handsome appearance.

**LARGE WHITE LIMA.** (Pole). Vine tall, vigorous, but slender; leaves medium sized, smooth, medium green. Pods 5 to 5½ inches long, borne in clusters; broad, very thin, medium green. Seed very large, oval, flat, white with slight tinge of green. Pkt., 10c; ½ pt., 25c; pt., 45c; qt., 75c, postpaid. By express or freight, not prepaid. pt., 40c; qt., 70c; pk., \$5.00.

Write for prices on different varieties of GENUINE EVERBEARING STRAWBERRY PLANTS. Also on Pecan Tree.



Burpee's Improved Bush Lima Beans.

SPECIAL PRICES TO TRUCKERS.



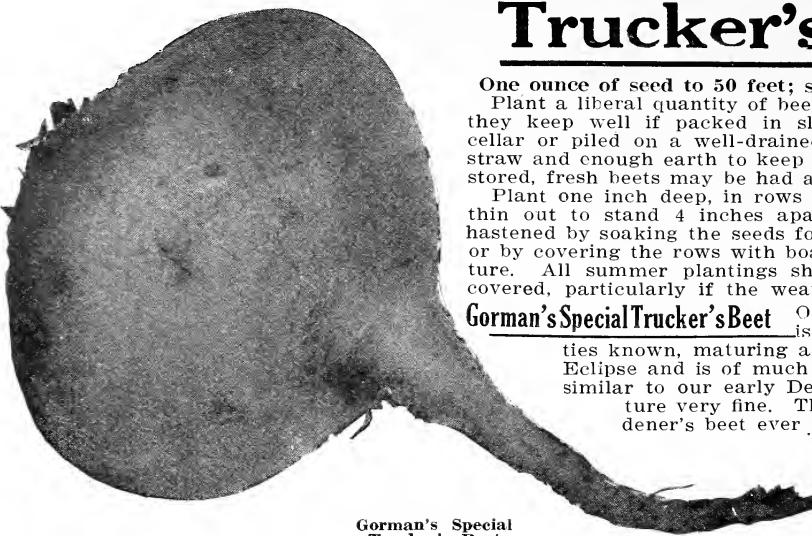
## Trucker's Beets

One ounce of seed to 50 feet; seven pounds to the acre.

Plant a liberal quantity of beets for fall and winter use; they keep well if packed in slightly moist sand in the cellar or piled on a well-drained place and covered with straw and enough earth to keep out frost. When properly stored, fresh beets may be had all winter.

Plant one inch deep, in rows 15 to 18 inches apart and thin out to stand 4 inches apart. Germination may be hastened by soaking the seeds for 24 hours before sowing, or by covering the rows with boards to conserve the moisture. All summer plantings should be either soaked or covered, particularly if the weather is dry.

**Gorman's Special Trucker's Beet** Our Special Trucker's Beet is one of the earliest varieties known, maturing a few days earlier than the Eclipse and is of much finer quality. Shape very similar to our early Detroit, color dark red, texture very fine. This is the best market gardener's beet ever offered our trade. It is a sure cropper. We strongly recommend this to our entire trade. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1b., 80c.

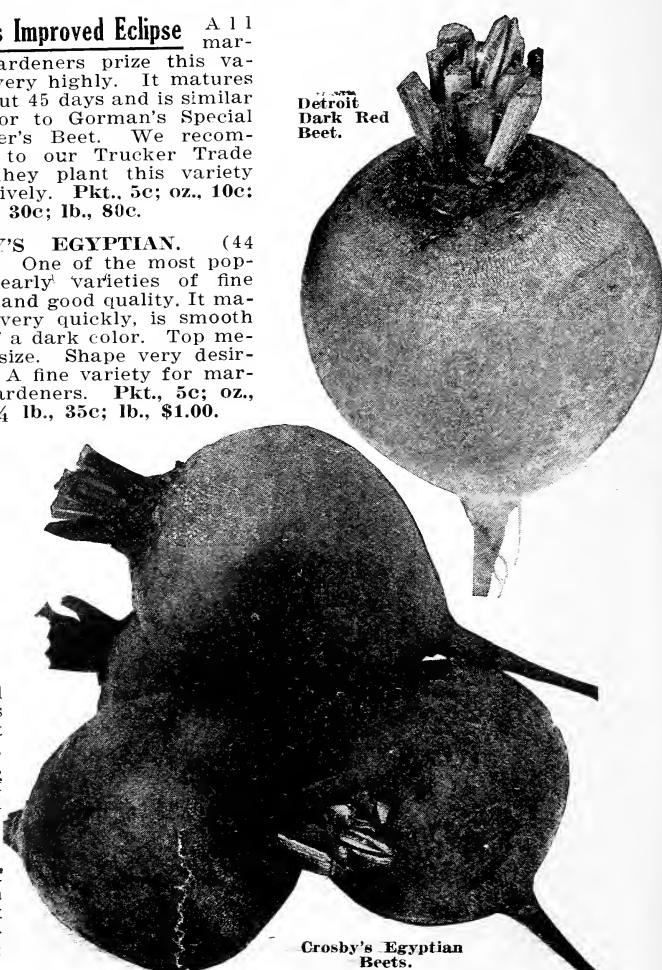


Gorman's Special Trucker's Beet.

### Gorman's Improved Eclipse

A 11 market gardeners prize this variety very highly. It matures in about 45 days and is similar in color to Gorman's Special Trucker's Beet. We recommend to our Trucker Trade that they plant this variety extensively. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1b., 80c.

**CROSBY'S EGYPTIAN.** (44 days). One of the most popular early varieties of fine shape and good quality. It matures very quickly, is smooth and of a dark color. Top medium size. Shape very desirable. A fine variety for market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.00.



Detroit  
Dark Red  
Beet.



Gorman's Improved Eclipse Beet.

**EARLY ECLIPSE.** (44 days). We regard this as one of the most valuable varieties for either market or private gardens; it is remarkable for its very rapid growth, perfection of form, beautiful crimson flesh, and for its dwarf foliage; the roots are of a bright, glossy red, very fine grained and of delicious flavor. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.00.

**DETROIT DARK RED.** (50 days). One of the most popular second early or main crop sorts. Roots round, smooth, dark blood red, and of fine quality. We recommend it very highly. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1b., 85c.



STAND FOR QUALITY.

BEETS—Continued.

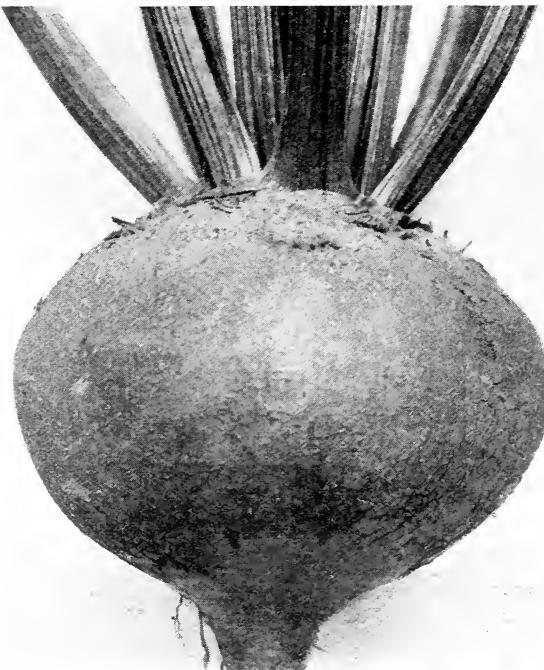
**Gorman's Improved Early Blood Turnip**

(47 days). A dark red beet, smooth, and of uniform size. It keeps well, thus making it one of the best sorts for main crop. The quality is excellent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 60c; lb., \$1.00.

**Mangel Wurzel**

**MAMMOTH LONG RED.** Grows to an enormous size in deep, rich soil is an excellent keeper. Yields about 1,500 bushels per acre. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid. By express, 5 lbs., \$1.75.

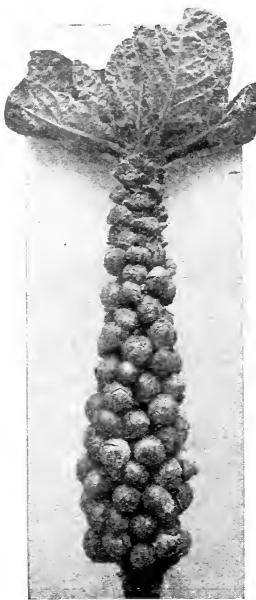
**GOLDEN TANKARD.** Another enormous cropper; very rich in sugar; skin and flesh deep orange-yellow; round. Large pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid. By express, 5 lbs., \$2.00.



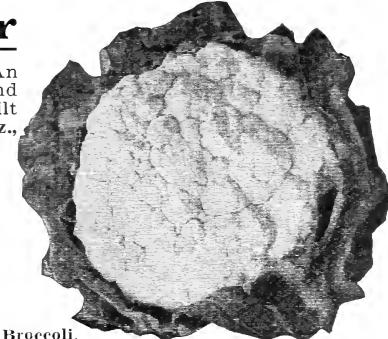
Gorman's Improved Early Blood Turnip Beet.

**Cauliflower**

**EARLY SNOWBALL.** An early variety, second only in value to Gilt Edge. Pkt., 25c; oz., \$2.50.



Brussels Sprouts.



Broccoli.

**Broccoli**

Requires a longer season than either cabbage or cauliflower to develop. The same cultivation as suggested for cauliflower should be given to Broccoli. Sow seed early in May; transplant in June.

**EARLY WHITE CAPE.** The best variety. The heads are white, compact, and hard, and it is a hardy, vigorous and easily grown sort. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 40c.

**Brussels Sprouts**

One ounce will produce about 3000 plants. Of the cabbage family, producing numerous heads on the stem, of most delicious quality, as well as cabbage-like head at the top. Use and cultivate the same as winter cabbage.

**PERFECTION.** A new and greatly superior variety of American growth, which forms heads ready for picking about three weeks earlier than other varieties. It makes stronger plants and more heads. A profitable crop for market gardeners. Pkt., 10c; oz., 25c; lb., \$2.50.



Mammoth Long Red Mangel Wurzel.



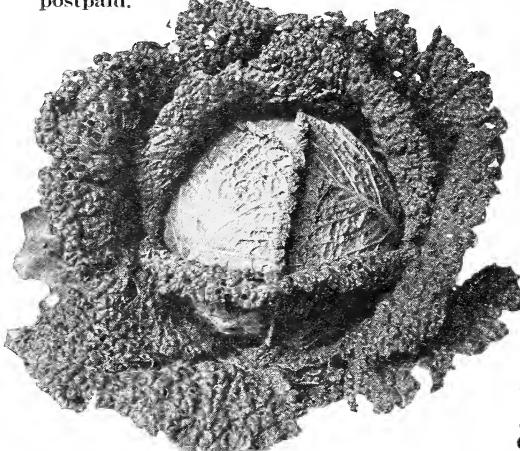
# Gorman's Reliable Cabbage

One ounce of seed will sow 300 feet of drill; six ounces will provide plants enough for one acre.

Our strains are the best to be had, selected from specimen heads in well rogued fields. Cabbage is one of the best paying crops for the market garden. To make an early crop, the seed can be sown in hotbeds or boxes in the house in January, February and March, as early as weather will permit. Later crop can be sown outside from April to June, but to make the earliest spring cabbage the seed should be sown about September the fifteenth and then transplanted where they are to remain in November. Set the plants eighteen inches apart in rows two and one-half to three feet apart, running the rows east and west, and setting the plants on the north side of the ridge to prevent, as much as possible, the frequent freezing and thawing so injurious to cabbage. Cabbage requires a good, strong soil and should be heavily fertilized before transplanting.

## Gorman's Earliest of All Trucker's Cabbage

This cabbage is splendidly adapted for the trucker. It is ready for market about the same time as the Charleston Wakefield, and the heads are much larger and show up better than Charleston Wakefield; they will not burst as readily as the Charleston and for this reason will remain much longer in the field in merchantable condition. We advise our friends and patrons to try this variety out liberally. You cannot make a mistake in planting quite a bit of soil to it. Oz., 20c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.



Gorman's American  
Drumhead Savoy Cabbage.

## AMERICAN DRUMHEAD SAVOY.

Winter cabbage. It takes a remarkably hard spell of cold weather to kill this cabbage. Its growth is very much like a collard, being greatly improved by frost, rendering it tender and delicious; heads large, leaves crinkly but compact. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.10.

**PREMIUM LARGE LATE FLAT DUTCH.** A variety similar to our Centennial Flat Dutch, but not quite so firm and solid. An old favorite in many parts of the South. Pkt., 10c; lb., \$2.00.

**EARLY DWARF FLAT DUTCH.** (100 days). The most valuable second early sort. The plant is short-stemmed, upright, and having comparatively few and short leaves, the rows can be set close together. Heads large, nearly round or slightly flattened, very solid, and uniform in size and shape. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.



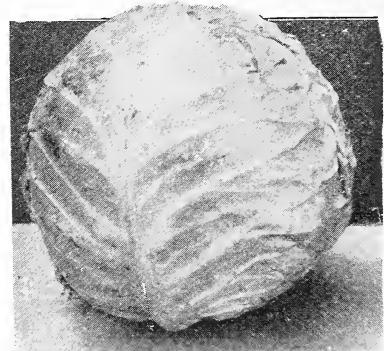
Gorman's Surehead Cabbage.

**Gorman's Surehead** This cabbage matures about the same time as Succession, and we think it quite a bit better. Every one who has planted cabbage any length of time has experienced the fact that a great many plants fail to mature heads. Our Surehead will develop at least 90 per cent heads. Oz., 20c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.

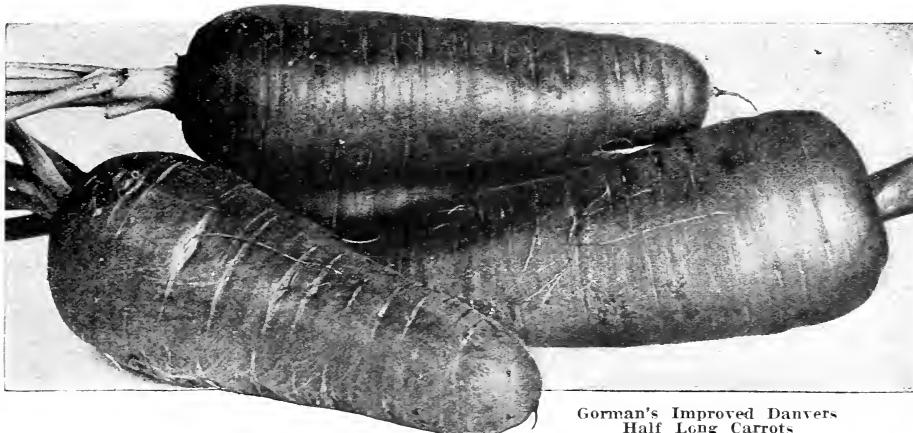
**EARLY JERSEY WAKEFIELD.** (72 days). This is a favorite sort for market gardeners and truckers to grow for earliest cabbage, both for home market and for shipping. Makes compact, solid, blunt-pointed heads; its small leaves permit close planting. Pkt., 10c;  $\frac{1}{2}$  lb., \$1.25; lb., \$2.00.

## Gorman's Improved Strain of Charleston Wakefield

This type is ready for market just a few days later than Early Jersey Wakefield, and is very much larger and more desirable for market purposes than Jersey Wakefield. Plants from this excellent variety should be transplanted not later than January 15th for an early spring harvest. We can supply you with a liberal quantity of these plants. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



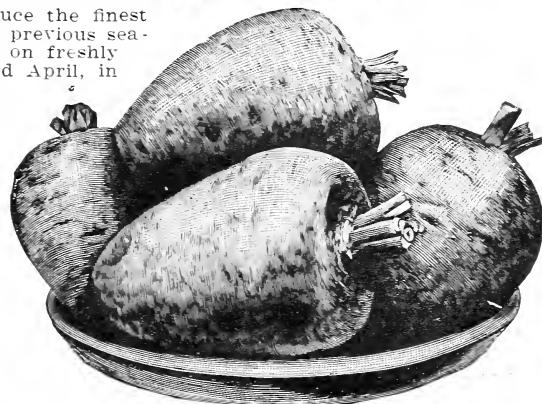
Gorman's Allhead Cabbage.

Gorman's Improved Danvers  
Half Long Carrots

## Gorman's Improved Carrots

Select rich soil that is worked deep. To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if the seed is sown on freshly manured soil. Sow the early sorts in March and April, in drills one inch apart; thin out to 6 inches. For main crop sow in May or beginning of June. Care should be taken at all times to see that the soil is firm over the seeds, either by means of the feet, roller or garden drill. One ounce will sow 100 feet of drill.

**OX HEART** or **GUERANDE**. Especially desirable for soil where longer-rooted sorts would not thrive. Short, very thick, and has a small tap root. Flesh bright orange; fine-grained and of sweet flavor. 4½ to 5 inches long. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

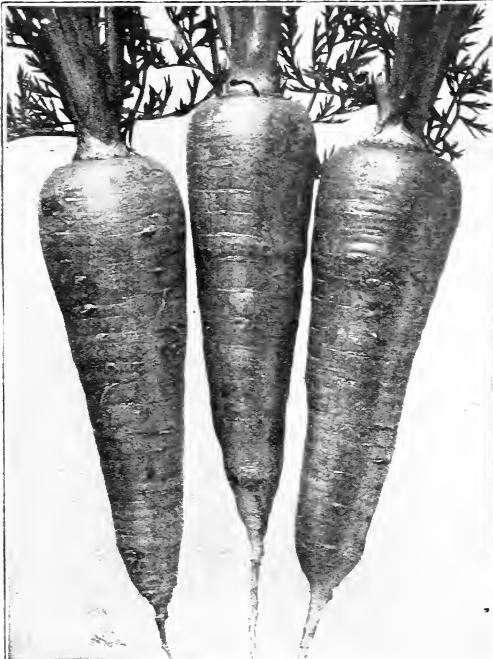


Oxheart Carrots.

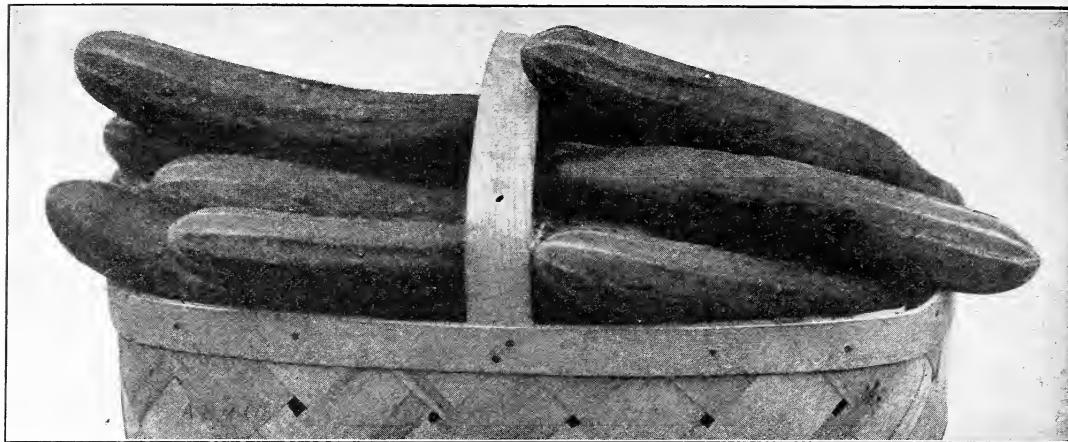
**Gorman's Improved Danvers Half Long** One of the most productive, and suits all kinds of soils. The roots are smooth and handsome, deep orange color, medium length, tapering to a blunt point. The flesh is sweet, crisp and tender. The best variety for general purposes and the most largely used, not only for stock raising, but for table use as well. Pkt., 5c; oz., 10c; ½ lb., 40c; lb., 80c, postpaid. By express, lb., \$1.00.

**IMPROVED LONG ORANGE**. A very heavy cropper. Roots are long and thick. An old favorite. Very handsome and uniform in shape; roots are of a deep orange; good flavor; yields very heavily. Requires a deep soil. The roots are smooth, fine-grained and very large. For feeding milch cows it is very valuable. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

**CHANTEXAY**. A well known, widely grown variety. The roots grow quickly and are of excellent table quality. Will average 3 inches in diameter at the shoulder, gently tapering throughout the broad stump-root and measuring 5 inches in length. Flesh tender, fine-grained, free from hard core; a deep golden orange. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., 80c.



Chantenay Carrots.



Gorman's Re-improved Long Green or Trucker's Favorite Cucumbers.

## Gorman's Own Selection Cucumbers

One ounce of seed will plant about 25 hills; 2 to 3 pounds to an acre.

Cucumbers need a rich soil, and should be planted when the ground has become warm. Plant in hills from three to four feet apart; the hills should be made rich with well-decomposed manure, and eight to ten seeds should be planted to each hill and covered about one-half inch deep; when well up, thin to four plants in the hill. They can be planted from March to July. They also may be planted in February, or even sooner and are protected by small boxes or dirt bands with a pane of glass on top. Gather the cucumbers when ripe enough for use, whether required or not; if left to ripen, the vines stop bearing. The best method to control insects is to keep the plants well dusted with tobacco dust, slug shot or bug death, being sure to get it well under the leaves and on the stems. It will not burn the leaves.

**Gorman's Long Green** A standard sort, producing long, straight, smooth fruits, sometimes growing 18 inches in length. The flesh is fine-grained and of the most refreshing and delicious flavor. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**IMPROVED WHITE SPINE.** The vines are hardy, of strong, vigorous growth, and fruiting very freely. The fruit is thickly set with small spines. The straight young fruits possess the distinctly roughened surface so much desired for small pickles. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; lb., \$1.25.

**BOSTON PICKLING.** A very productive variety, extensively grown for pickles. Vines are vigorous. Fruits bright green, of medium size, very smooth; flesh crisp and tender. Oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 75c; lb., \$1.25.

**EARLY GREEN CLUSTER.** Early to mature, bearing clusters, very vigorous and prolific. Excellent early kind. Fruits are short, thick, bright green, shading lighter at the blossom end; crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; lb., \$1.10.

**JERSEY PICKLING.** This variety is between the long and the short green, forming a long, slender pickle which is very crisp and tender. The vines are very vigorous and productive. This sort is excellent for slicing as well as for pickling. Oz., 10c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; lb., \$1.25.

**SNOW'S PERFECT.** An early maturing, very small, dark green cucumber, cylindrical, square ended and very popular with growers for small pickles. Dark green and very prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**DAVIS' PERFECT.** A carefully selected White Spine, suitable for both greenhouse and outdoor culture. Fruits are of large size, splendid quality and fine color. The flesh is tender, brittle and of excellent flavor. A favorite in many localities. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

SPECIAL PRICES TO TRUCKERS.

White Spine Cucumber.  
Gorman's Extra Early



# Gorman's Celery

One ounce sows about 100 feet and produces about 8000 good plants; eight ounces to set one acre. Matures from 120 to 160 days.

**Culture.** Celery requires a moist and fertile soil. If your soil is not fertile, you must make it so by heavy applications of well-rotted manure or commercial fertilizer.

**GOLDEN SELF-BRANCHING.** Of compact growth, with large, solid heart, and thick-ribbed stalks, which blanch easily. Crisp and solid. Free from stringiness and of most delicious flavor. Both stalks and leaves are of a beautiful golden yellow. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.25.

**GIANT PASCAL.** This standard green-leaved variety is one of the best for fall and winter use and is very widely known. It blanches easily to a beautiful yellowish-white, is very solid and compact and of the finest flavor. It keeps and ships well and is very popular for home and market garden. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.85, postpaid.



Golden Self-Branching Celery.

## Kohl Rabi

A delicious vegetable, combining the flavors of cabbage and turnip. The edible portion is the turnip-shaped bulb formed above ground. Sow the seed early.

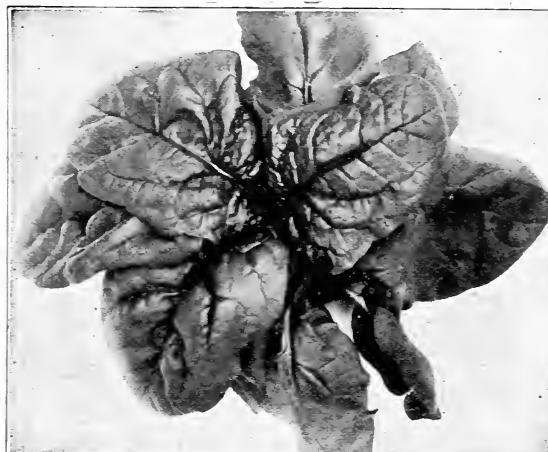
**EARLY WHITE VIENNA.** An extremely early variety with small tops. Oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00, postpaid.

## Spinach

**Culture.** Should be planted in very rich ground, the richer the better. Sow in drills, one foot apart, and begin thinning out the plants when the leaves are an inch wide. All should be cut before the hot weather or they will be tough and stringy. For succession sow every two weeks until July. For early spring use, sow early in autumn. One ounce of seed to 50 feet of drill, 10 to 20 pounds per acre in drills.

### BLOOMSDALE SAVOY LEAVED.

The earliest variety and one of the best to plant in autumn for early spring use. Plant of upright growth, with narrow, pointed leaves which are curled like those of the Savoy



New Zealand Spinach.

Cabbage. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c, prepaid. 10 lbs., \$4.50, not prepaid.

**NEW ZEALAND.** This is the ideal home garden sort. The stems and leaves are soft, thick, fleshy and crystalline in appearance. When started early in spring, the plants will resist heat and make strong growth during the summer. Available for use during the hottest months of mid-summer, when ordinary spinach is not to be had. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



Endive.

## Swiss Chard

The outside leaves are used as "boiled greens." They closely resemble spinach in flavor. The large white stalks are used like asparagus. One ounce for 100 feet of drill.

**LUCULLUS.** An improved type of Chard. Upright growth, leaves dark green, crumpled and curled; midrib and veins white; stalks thick, broad and flat. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c, postpaid.

## Endive

One ounce will sow 100 feet of row; 3 pounds will plant one acre of land in rows 3 feet apart.

**Culture.** Seed may be sown any time during the year. When well started, thin out to ten inches apart in the row, or they may be transplanted to fresh rows.

**BROAD LEAVED BATAVIAN or ESCAROLLE.** Forms large heads of broad, thick leaves, which can be blanched for a salad or it will make excellent cooked greens. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**GREEN CURLED.** One of the hardest and best for general use. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp and tender, and fine flavored. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



# Mustard

One ounce will sow 75 feet of drill.

Used as a condiment, and the green leaves are used as a salad, or cut and boiled like spinach. For early salad, sow thickly in a gentle hotbed in February and March, and for general crop, at intervals during spring, in very fine soil, in rows 6 inches apart; it should be cut when about 1 inch high.

**SOUTHERN GIANT CURLED.** The true curled-leaf variety so popular in the South for planting in the fall, to furnish an early spring salad. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**OSTRICH-PLUME CURLED.** This is a fine variety, very ornamental in appearance, producing large, beautiful, curled leaves. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**Gorman's Elephant Ear** Large light green leaves, sometimes 18 inches in length, with large white ribs or leaf-stalks, and of the most appetizing pungency. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

## Leeks

The long, thick neck of leek is excellent for stews, soups, or when creamed. Sow the seed early in March in a seedbox or in the open as soon as the ground is fit.

**BROAD LONDON or LARGE AMERICAN FLAG.** This is a strong-growing variety, producing large, thick stems which have a sweet flavor when properly blanched. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 70c, postpaid.

## Salsify or Vegetable Oyster

A wholesome and nutritious vegetable. They are fine when boiled, or may be sliced and fried; very fine in soups. Salsify succeeds best in light, well-enriched soil. Sow early and quite deep, giving the general culture recommended for parsnips. The roots are perfectly hardy and may remain out all winter. Store for winter use in pit or cellar in damp earth or sand.

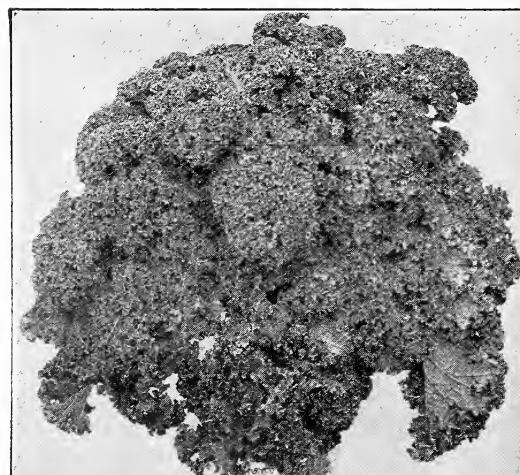
**MAMMOTH SANDWICH ISLAND.** An improved type of the Long White, producing roots of nearly double the size and weight of those of the old variety, and of very superior quality and delicate flavor. Ready for table in 140 days. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.85, postpaid.

## Collards

**GEORGIA, SOUTHERN or CREEOLE.** We offer the true white- or green-stemmed sort so extensively used in the South, where it furnishes an abundance of food for the table or for stock. Forms a large open head of leaves on a tall stem. Ready for table in 90 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid.



Ostrich Plume Mustard.



Champion Moss Curled Parsley.

## Kale or Borecole

One ounce of seed sows 200 feet of drill.

**CULTURE.** Same as for cabbage. Can be sown from April to June and in August or September.

**DWARF GREEN CURLED SCOTCH.** (50 days). As indicated by its name, this variety does not grow very tall, 15 to 18 inches. Leaves curly, tender and fine flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

**TALL GREEN CURLED SCOTCH.** (65 days). Grows about two feet high, leaves very curly, bright green in color and very attractive; good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

**DWARF SIBERIAN.** (65 days). Larger than Scotch Kale, leaves bluish-green in color, quality fine and very popular in some sections. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c, postpaid.

## Parsnips

**EARLY SHORT ROUND.** This is the earliest of all Parsnips, and for this reason widely grown in the home garden. It will give a good yield when sown as late as June, and will make a succession crop to early maturing vegetables. The roots often measure 5 to 6 inches across and 3 to 4 inches deep. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c, postpaid.



Leeks.

SPECIAL PRICES TO TRUCKERS.

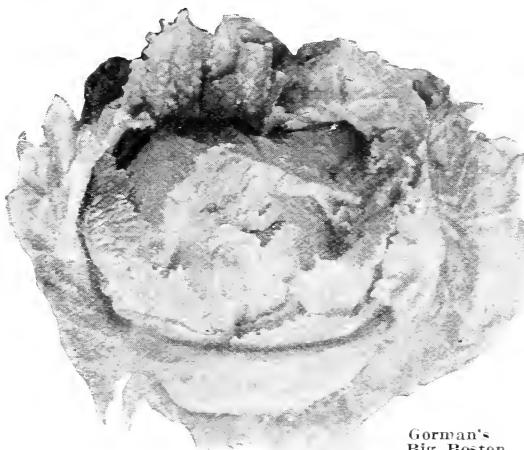


A Field of Gorman's Improved Trucker's Iceberg Lettuce.

## Gorman's Lettuce

**CULTURE.** Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water to give it that quick growth on which depends its tenderness and flavor. Sow in July or August, transplant as soon as ready, and they will head up late in the fall. For later use transplant to cold-frames, protect during severe spells, and they will head up during November and December. Plant the hardy varieties, like Gorman's Iceberg and Big Boston, in September and October, transplanting outside later. Protect with straw or litter, and they will stand the winter and head up early in the spring, or they can be transplanted to cold-frames or hotbeds to head up during the winter. Gorman's Improved Big Boston is fine for early fall planting. One ounce will produce about 1,500 plants.

**Gorman's Improved Trucker's Iceberg** This variety is unquestionably the greatest moneymaker ever introduced in this section. It is extremely hardy and withstands a great deal of heat. It is one of the surest croppers known and is at all times a ready seller. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1b., \$1.60.

Gorman's  
Big Boston  
Lettuce.

**Gorman's Strain Big Boston** This famous lettuce has been highly perfected by one of the most noted growers in the West and our stock of seed is as pure and as well developed as can be had anywhere. This is one of the most popular varieties with truckers throughout the South and has proven a great moneymaker. Spring planting should be made in the open as early as February 20th and where the plants are going to be used for transplanting, seeds should be planted in hotbeds about January 1st. Fall planting should be done in rows not later than August 1st and earlier if possible. Good heads can be developed before freezing weather. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.20, postpaid.

**GRAND RAPIDS.** Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.25, postpaid.

**BLACK SEEDED SIMPSON.** (45 days). May be planted outdoors very early; good for the amateur who does not transplant or thin his crop. Leaves thin, tender, large, and very light green. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.00.

**CALIFORNIA CREAM BUTTER.** Heads large, round. Outer leaves are glossy green, marked with small brown spots; inner leaves are of a rich cream color; medium early and makes a good sort for summer use. Very thick, tender and of buttery flavor. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.05.

**PARIS WHITE COS or ROMAINE.** A popular old variety, growing to a large size, with long, conical, compact heads, blanching well when tied. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1b., \$1.35, postpaid.

**IMPROVED HANSON.** This is a standard crisp-headed lettuce, growing to a very large size; it is uniformly a sure header; heads solid, beautifully blanched; the inside crisp, mild, and tender. It is one of the finest varieties grown for market during midsummer. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.10, postpaid.



# Gorman's

One ounce will sow 100 feet of drill, 5 to 6 pounds in drills for an acre.

**CULTURE.** Sow thinly in drill about  $\frac{1}{4}$  inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs. In order to have good success with onions, the soil must be properly prepared and richly fertilized, and they must be constantly, skillfully and thoroughly cultivated.

**SOUTHPORT WHITE GLOBE.** A pure white Onion of enormous size. A good shipper and better keeper than most white sorts. Flesh is white, remarkably firm and solid. Very attractive when cooked. A very good white, main-crop, home-garden Onion. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.



**Southport White Globe Onion.**

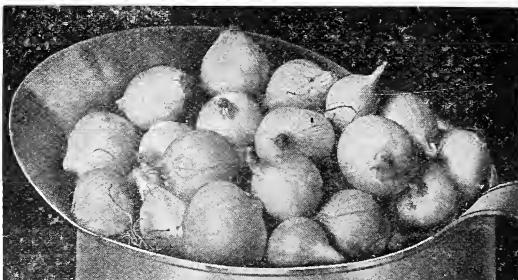


**Okra.**

## Onion Plants

### For Early Onions.

For an early crop, either for table use or for market, these plants are most desirable, and being inexpensive, as well as requiring little labor or trouble, the demand for them is increasing each year. Set at same time you would plant sets or cabbage plants, in rows 15 inches apart and 3 to 4 inches apart in the row. \$1.50 per 500; \$2.50 per 1000.



**Gorman's White Bermuda Onion Sets.**

## Okra or Gumbo

One ounce will sow 30 feet of drill.

**CULTURE.** When the ground has become warm, sow thickly in drills 3 feet apart, and when large enough, thin out to a foot apart in the rows. The young seed pods are used in soups, stews, and catsups. Cultivate and keep free from weeds. The pods are in best condition for use when from 2 to 3 inches long.

**WHITE VELVET.** (60 days). The pods are extra long, round, white, and smooth. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c, postpaid.

**DWARF GREEN PROLIFIC.** (55 days) Short podded but very prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c, postpaid.

**PERKINS' MAMMOTH POD.** (60 days). Extra large pods, deep green in color and fine flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c, postpaid.

**SPECIAL PRICES TO TRUCKERS.**

**YELLOW GLOBE DANVERS.** We have an unusually fine strain of this old and well known standard sort. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.95, postpaid.

**WETHERSFIELD, LARGE RED.** Popular for market and home use; sure and heavy cropper; long keeper; grows to an immense size; of flattened form; skin purplish-red; flesh white, slightly tinged with pink. Generally cultivated for main crop. Pkt., 5c; oz., 20c;  $\frac{1}{2}$  lb., \$1.15; lb., \$2.00, postpaid.

**WHITE PORTUGAL or SILVER-SKIN.** An excellent and popular onion for the family garden. Of medium size, flat, symmetrical, very early, good keeper; skin and flesh white, fine-grained, and unusually mild and delicate; also large, used for pickles. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00, postpaid.

**PRIZETAKER.** Grows to a large size; mild flavor and of exceedingly handsome appearance, but not a good keeper. Specially desirable for the home garden. Oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75, postpaid.

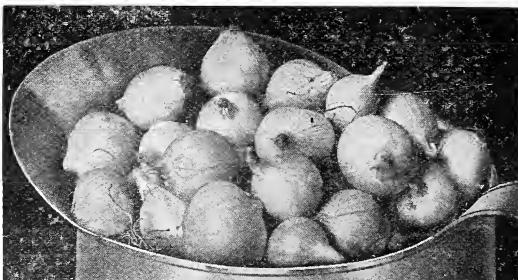
## Onion Sets

One pound will plant a row 25 feet long.

Onion sets by parcel post add as follows: To points east of the Mississippi River, 10c per quart; west of Mississippi, 20c per quart.

**ENGLISH MULTIPLIER.** Lb., 30c; 4 lbs., \$1.00. Best for spring Onions. See description of White Portugal, under Onion Seed. Qt. (1 lb.), 30c; pk. (8 lbs.), \$1.60; bu. (32 lbs.), \$4.50.

**YELLOW SETS.** These will produce large ripe Onions in July or August, and good green Onions early. Qt. (1 lb.), 25c; pk. (8 lbs.), \$1.10; bu. (32 lbs.), \$3.90.



**Gorman's White Bermuda Onion Sets.**

# Gorman's Peppers



Long Red  
Cayenne Pepper.



Ruby King  
Pepper.

Pepper seed requires a temperature of about 65 degrees for successful germination, therefore, the seed should be started in a hotbed or else the planting should be delayed until the ground is thoroughly warm. It is customary to make the first sowing early in April, and when the plants have reached a height of 3 to 4 inches, transplant them into flats and then harden them off into cold-frames before transplanting to the open ground, which should be done about the first of June. Space should be allowed between plants for thorough and careful cultivation. Commercial fertilizers seem to induce more rapid growth than manure. For the early spring planting, an ounce of seed will produce about 1000 plants. For later plantings from 1,400 to 1,800 plants can be secured from the same amount of seed. One-half pound of good Pepper seed will produce enough plants for an acre of ground.

**Gorman's World Beater** This is without doubt the finest of all sweet Peppers. It is one of the largest of sweet Peppers and we especially recommend it to our trucker friends as a most excellent seller. It is rapidly becoming the most popular of the sweet kinds. Pkt., 15c; oz., 50c; lb., \$6.00, postpaid.

**LARGE BELL or BULL NOSE.** A large, early, bright red variety of mild flavor, with tender flesh; a favorite for pickling and "mangoes" when green. Pkt., 10c; oz., 40c; 1/4 lb., \$1.75; lb., \$3.50, postpaid.

**CHINESE GIANT.** An ideal variety for the home garden. It is fully twice as large as the Large Bell or Bull Nose, being 4 to 5 inches thick at the top and about 6 inches long. The fruits ripen early, first a rich green and then turning to a glossy scarlet. Flesh thick, solid, and mild. Pkt., 10c; oz., 50c; 1/4 lb., \$1.75; lb., \$3.00, postpaid.

**RUBY KING.** The most popular, large-fruited Pepper; a prolific bearer of ruby-red pods, 5 to 6 inches long by 3 to 4 inches in diameter; flesh exceedingly thick, sweet, and mild. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$3.25, postpaid.



New York Improved Large Purple Egg Plant.

## Hot Peppers

**LONG RED CAYENNE.** Very hot. Pkt., 5c; oz., 25c; 1/4 lb., 80c; lb., \$2.85.

**RED CHILI.** Good, hot pickling sort. Pkt., 5c; oz., 25c; 1/4 lb., 80c; lb., \$2.85.

## Gorman's Egg Plant

Sow the seed in hotbed, in March; transplant when three inches high. Set out in garden after danger of frost is past, in rows 3 feet apart and 2 feet apart in the row. They require rich soil. Dust plants with slug shot to keep off the bugs.

**NEW YORK IMPROVED LARGE PURPLE.** (Spineless). The general favorite for both market and private use, and is a standard sort both in the North and the South. The large size and fine quality of fruit and its extreme productivity make it most profitable. Plants large; fruit very large, oval; color a splendid dark purple. Ready for table in 145 days. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.

## Gorman's Black Beauty

It is very early, in fact the earliest good market variety. Average weight 2 to 3 pounds. It is dwarf growing. Ready for table in 135 days. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.

Imported Canaries.  
Finest singers. Every bird guaranteed. \$10.00 each.



## Gorman's Garden Peas

Two pounds sow 100 feet of row; 90 pounds for an acre.

**Culture.** Peas succeed best on light, rich, loamy soil, which has been manured the previous season. Plant the smooth varieties in the spring, as soon as the ground can be worked, in rows 3 or 4 feet apart, planting seed two inches deep, giving the taller varieties more room between the rows. For succession plant every two weeks. The dwarf varieties can be planted in rows 2 1/2 to 3 feet apart. Peas grown as a market crop are rarely staked, but when the taller varieties are grown for private use, a good plan is to sow them in double rows and stake with brush. They should be kept clean and the earth worked toward them two or three times during the growth.

The crop should be gathered as quickly as it is fit to use. If even a few pods begin to ripen, not only will new pods cease to form, but those partly advanced will stop growing. All wrinkled peas remain longer in season, are more delicate in taste, and sweeter than the smooth sorts. The wrinkled appearance indicates a greater amount of saccharine matter.



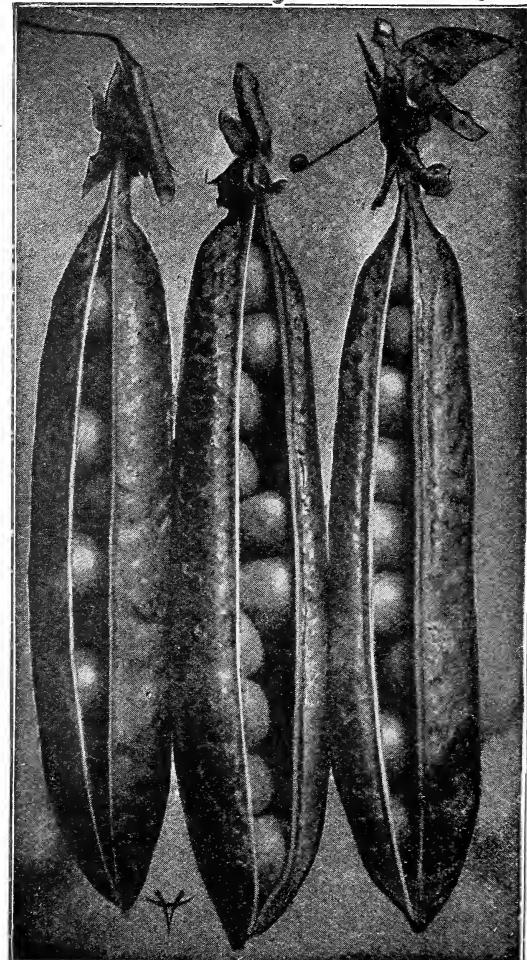
Gorman's Earliest of All Alaska Peas.

**Gorman's Earliest of All Alaska** This splendid sort has very much larger pods than the old strain Alaska. The peas are very sweet and highly flavored. It has become a favorite with truckers. They should be planted as early as the 10th of January and can be planted as late as the middle of February. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid.

**Gorman's Early Trucker's** Is unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines average 15 inches in height and carry really enormous crops of large, deep green pods. The peas are of sweet and delicious flavor. This pea matures extra early. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid.

**LITTLE MARVEL.** A medium-early variety which produces an abundance of pods, averaging two and one-half inches in length and well filled with six to seven medium sized, deep green peas of the finest quality. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid.

**PREMIUM GEM.** (Improved strain of McLean's Little Gem). A very fine, extra early dwarf wrinkled pea for market and family use, growing 12 to 15 inches high and needing no brush. Pods large and crowded with six to nine peas. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid.



Gorman's Early Trucker's Peas.

SPECIAL PRICES TO TRUCKERS.

## GORMAN'S SEEDS

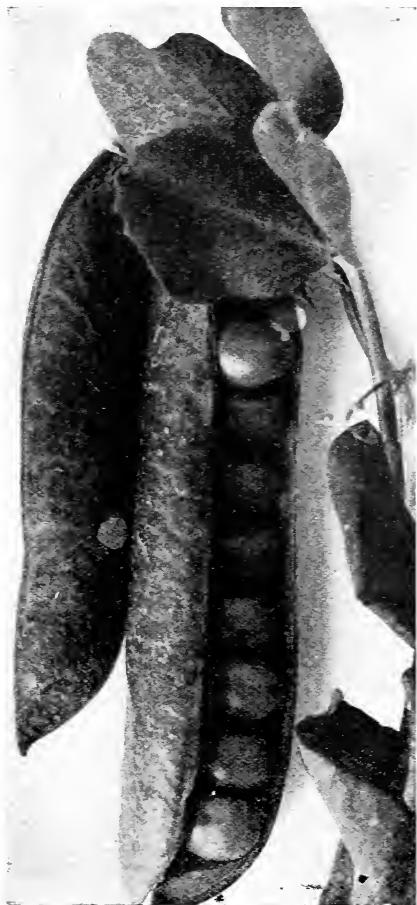
STAND FOR QUALITY.

## GARDEN PEAS—Continued.

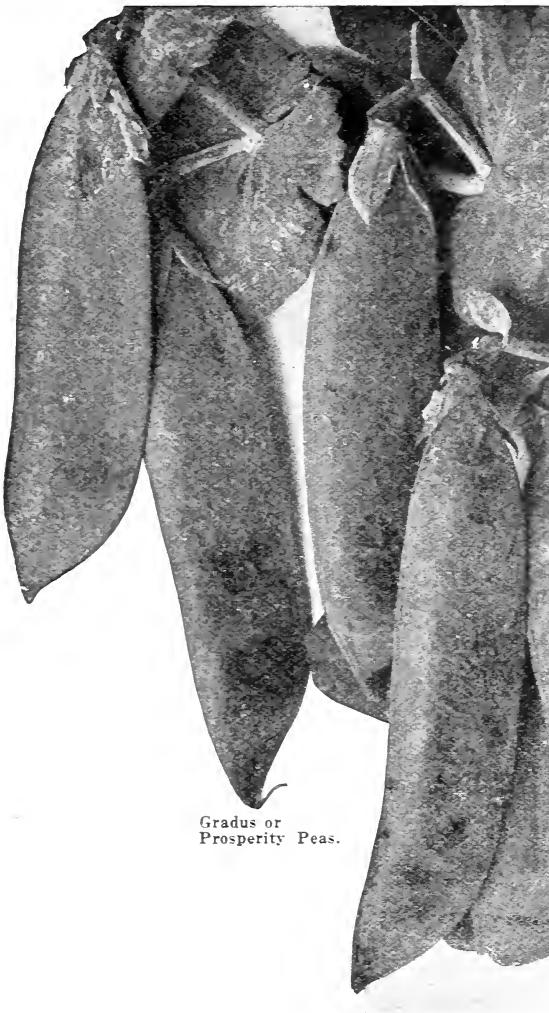
**Gradus or Prosperity** (55 days). This extra fine variety combines earliness with large size. It closely follows the Extra Earlies in maturing. It grows about  $2\frac{1}{2}$  feet high, very vigorous and bears handsome, large pods in greater quantities than other large-podded wrinkled sorts. It has attracted more attention from market gardeners than any other variety of recent years. Pods are 4 to  $4\frac{1}{2}$  inches long, nearly round, and filled out well with large, handsome peas. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. 56 lbs., \$12.00, not prepaid.

**BLISS' EVERBEARING.** (70 days). The vines are stout, of medium height, about  $2\frac{1}{2}$  to 3 feet, bearing at the top six to ten good-sized pods, about  $2\frac{1}{2}$  to 3 inches long. The peas are large and wrinkled, cook very quickly, are tender, of superior flavor, and are preferred by many to any other sort. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. 56 lbs., \$12.00, not prepaid.

**Gorman's New Telephone** This is one of trucker's varieties on the market today. It is a wrinkled sort and will develop to the height of four to five feet on good soil. The pods are very large and showy and are well filled. We cannot recommend this splendid sort too highly to our trade. Pkt., 10c; pt., 25c; qt., 50c.



Gorman's New Telephone Peas.



Gradus or Prosperity Peas.

**LARGE WHITE MARROWFAT.** (75 days). About five feet high; of strong growth. Pods large, round, and well filled. Seed large and excellent for summer use. Undoubtedly one of the most productive of garden varieties and a favorite for market. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. 60 lbs., \$9.00, not prepaid.

**BLACK EYE MARROWFAT.** (75 days). Very hardy, strong and vigorous, bears broad, thick, leathery pods, about three inches long, set near the top of the vines; pods contain four to five large peas of only fair quality. This sort only used in a small way as there are many varieties now that are improvements. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid. 60 lbs., \$9.00, not prepaid.

**NOTT'S EXCELSIOR.** (53 days). This variety is midway in character of vines and pod between the American Wonder and McLean's Little Gem, and combines the good qualities of each. One of the very best for the family garden. Pkt., 10c; lb., 30c; 2 lbs., 50c, postpaid. 56 lbs., \$12.00, not prepaid.

Imported Canaries. Finest singers. Every bird guaranteed. \$10.00 each.

Box of French's Bird Seed, delivered for 25c.

SPECIAL PRICES TO TRUCKERS.



A Field of Gorman's Selected Eastern Grown Irish Potatoes.

## Gorman's Selected Eastern Grow Seed Potatoes

We dare say that one farmer out of a hundred realizes why his potato crops are as a rule a failure. He knows that he has cultivated them well and done all he could to make a profitable crop. Yet he has a failure. The cause of his failure is a very simple one, **inferior stock**. The writer is just as sure of what he is going to say as that we all know the sun will rise in the morning. He has demonstrated beyond any doubt that Western grown stock is a failure here and also that stock infested with blight, grown in any section, will not produce good crops. There is no section in this broad country of ours where more

real good Irish potatoes are grown, than in the New England states, and as we have assorted stock grown in the East and especially in the state of Maine, our stock can absolutely be depended upon for profitable crops. You can always secure, in season, seed potatoes from us, bought and shipped direct from the State of Maine. Again we wish to emphasize that much care should be exercised on the part of our farmers in knowing where their seed potatoes come from and also that their stock is **free** from blight.

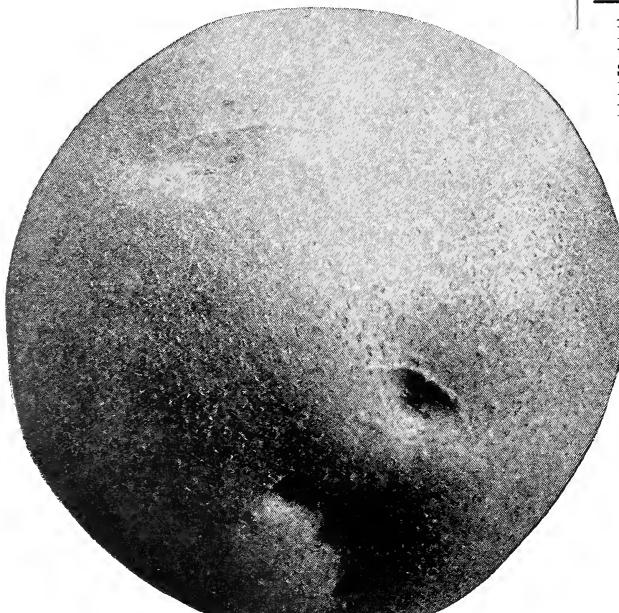
### Gorman's Improved Eastern Grow Bliss Triumph

Always brings you above the market price. Bliss Early Triumph are the first "new" potatoes on the market in almost every section of the United States. Some record prices have been paid for Early Triumph, so you will be assured of a profit if you plant them.

Triumphs run very uniform in size and shape. They are small to medium, almost round with rather squared ends. Skin is reddish-pink, but flesh pure white. It cooks up dry and mealy, having won a reputation for splendid cooking quality. As eyes are shallow there is very little waste in peeling. **\$5.75 per 2½-bu. bag.**

**PEERLESS.** A medium early, large, round, white sort; prolific; a good keeper; table quality good. **\$5.75 per 2½-bu. bag.**

**BURBANK.** A large, late, long white sort; a heavy yielding, vigorous grower, and largely used for late or main crop. The Burbank is an excellent standard potato. When cooked it is dry and mealy. As a market sort it is a moneymaker and will prove very satisfactory for the home garden. **\$5.50 per 2½-bu. bag.**



Gorman's Improved Bliss Triumph Potato.

Our potatoes are shipped in car-load lots direct from the state of Maine, and we are in position to give you attractive prices. We have listed price per bag; if you wish smaller or larger quantities, write for prices. Prices subject to change without notice.

SPECIAL PRICES TO TRUCKERS.

## GORMAN'S SEEDS

STAND FOR QUALITY.

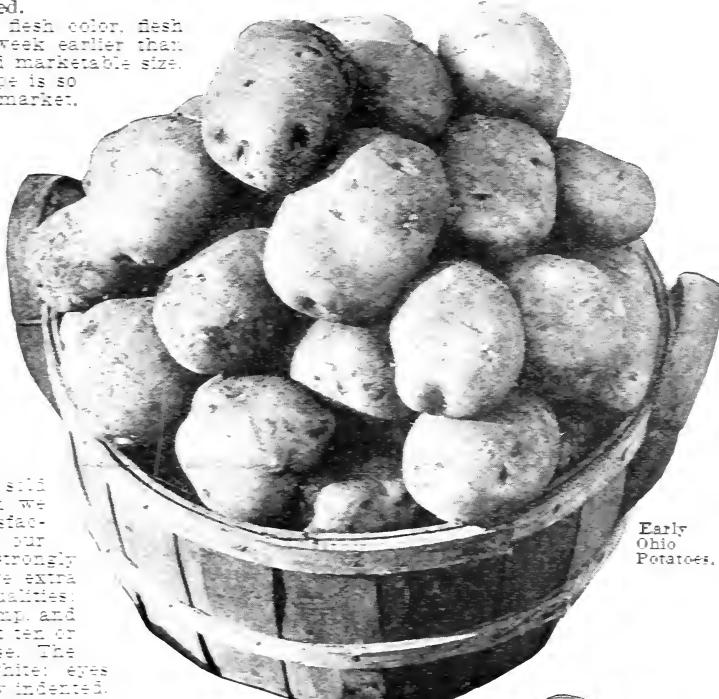
## POTATOES—Continued.

**EARLY OHIO.** Skin light pink or flesh color, flesh pure white. Matures about one week earlier than Early Rose. Potatoes all run good marketable size, very few small ones, and the shape is so even they sell on sight in the market.

Buyers know of the excellent quality and housewives find there is no waste in peeling, the eyes are set close to the surface. Further, it requires less expense than most varieties to grow—vines upright, allowing easy and thorough cultivation. Tuber are set in compact clump near the surface, so that digging is easy. \$6.00 per  $2\frac{1}{2}$ -bu. bag.

**Gorman's Early Rose** This stand and early variety for family use has been one on which we have had a large sale. This is one of the old-time popular varieties, tried and true—a variety which never fails. Try Early Rose this year. \$6.00 per  $2\frac{1}{2}$ -bu. bag.

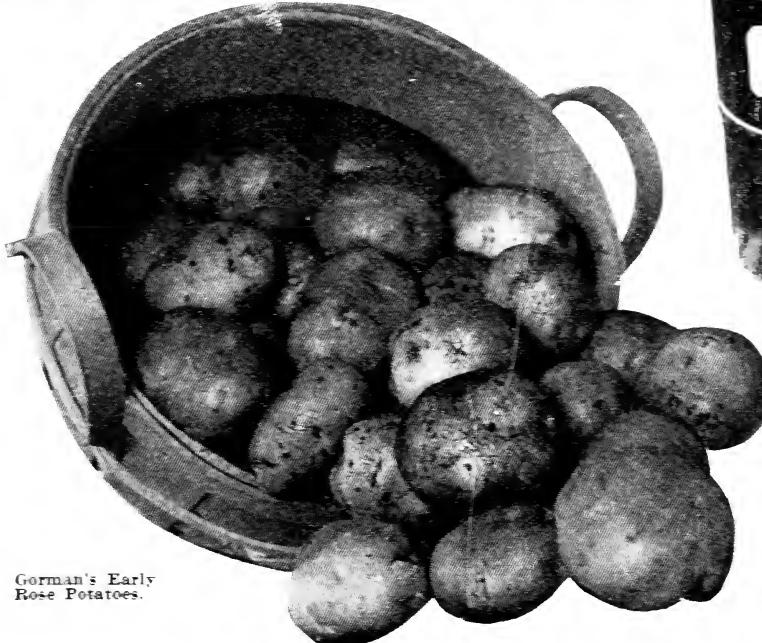
**IRISH COBBLER.** We have never sold a variety of potatoes from which we have received more uniformly satisfactory and enthusiastic reports from our customers, and we recommend it strongly as a most desirable and productive extra early variety of excellent table qualities, and it produces smooth, round, plump, and handsome tubers, ready for market ten or twelve days earlier than Early Rose. The tubers are a beautiful creamy-white; eyes strong, well developed, and slightly indented. Flesh white, skin even and slightly netted which in potatoes always proves a distinctive mark of fine quality. Are better adapted for planting in light loamy or sandy soil. \$5.75 per  $2\frac{1}{2}$ -bu. bag.



Early  
Ohio  
Potatoes.

## Sweet Potato Plants

In regard to our Sweet Potato Plants we wish to announce to our friends and the public that our plants are absolutely reliable and will produce very best results with proper care and culture. Our supply of plants will be sufficient to meet a moderate demand.



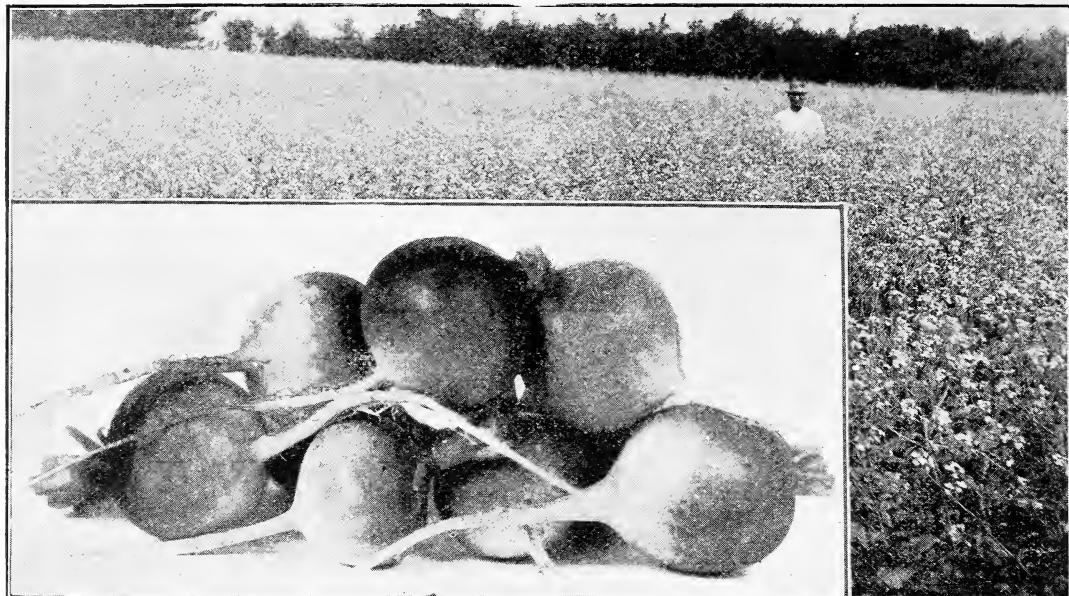
Gorman's Early  
Rose Potatoes.



We generally ship the day we receive orders. Our strain of Porto Ricans is as good as can be developed and as this is one of the most popular market varieties, we advise placing your orders as early as possible. We also have a fine lot of slips from Bunch Doodles, Vine Doodles and Nancy Hall. Our plants are all government inspected and you are in this way fully protected against diseased plants.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

SPECIAL PRICES TO  
TRUCKERS.



A Field of Gorman's Early Scarlet White Tipped Trucker's Radishes.

## Gorman's Selected Radishes

We wish to say to our friends and patrons they can make no mistake in buying their Radish seed of us. We have these seeds grown by one of the most celebrated seed growers in the United States and you will find them true to name and type and ranging very high in germination. Radishes grow best in a rich, loose, mellow soil, and to be crisp and tender must be forced to make a rapid growth. For very early radishes sow the seed in a hotbed or cold-frame in January. Sowings may be continued at intervals of two weeks until September or even later. The winter radishes may be sown in midsummer and taken up before extreme cold weather comes, storing the roots in sand or earth in a cool cellar. The seed should be sown thinly in drills, covering to a depth of about half an inch and when the seedlings come up, thin to about two inches apart.

**Gorman's Early Scarlet Turnip, White-Tipped Trucker's** A beautiful variety, bright scarlet, with white tip, very early; has small top and may be planted close together. It is most attractive in appearance

and cannot fail to give satisfaction as a forcing radish; very popular. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c, postpaid.

### Gorman's Early Scarlet

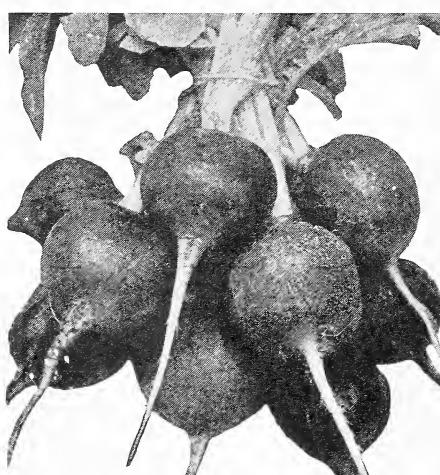
**Turnip** Small, round, intensely bright scarlet. If grown rapidly, it will make a crisp, tender bulb of delicious flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c.



French Breakfast Radishes.

**FRENCH BREAKFAST.** An old favorite for market and home garden; just right for a small, crisp table radish. Of quick growth, oblong in shape; color a beautiful scarlet, except near the tip where it is pure white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c, postpaid.

**Gorman's Forcing Scarlet Turnip Radish** Turnip shaped, with a remarkably short top, which makes it especially adapted for forcing. Matures in thirty days and remains solid longer than most extra-early sorts. Excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c, postpaid.

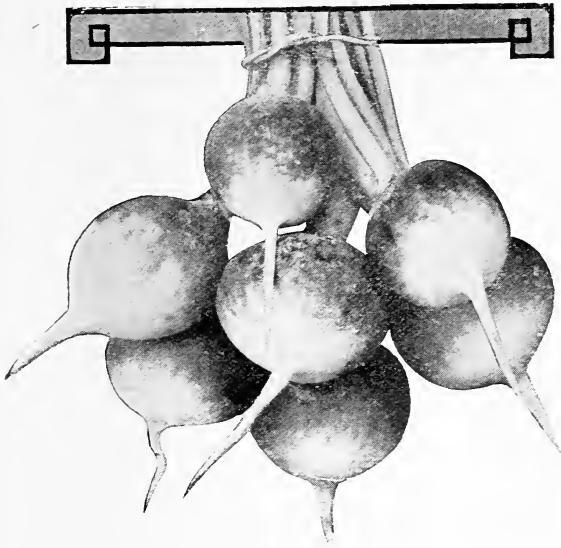


Gorman's Forcing Scarlet Turnip Radishes.

SPECIAL PRICES TO TRUCKERS.



STAND FOR QUALITY.



Rosy Gem Radishes.

days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**LONG BLACK SPANISH.** Keeps best and longest of all winter radishes. Skin coal black; flesh white, crisp, and quite pungent. Grows 6 to 9 inches long. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

## Summer Squash

One ounce will plant 20 to 40 hills; four to six pounds will plant one acre.

**MAMMOTH YELLOW SUMMER CROOKNECK.** Vine larger and stronger than the old Summer Crookneck. Flesh is fine-grained. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**EARLY WHITE BUSH or PATTY PAN.** This is the old standard variety of early squash, and has never been excelled. It is the earliest variety known, and of the sweetest and most delicious flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



Giant Summer Crookneck Squash. Lee's, Dr. Legeare's. Write us for price list.

## Winter Squash

**RED OR GOLDEN HUBBARD.** Earlier than the Hubbard, but quite like it in form and habit, but smaller. Shell warty, hard, strong and of a rich orange-red color. Flesh deep orange; dry and an excellent keeper. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10, postpaid.

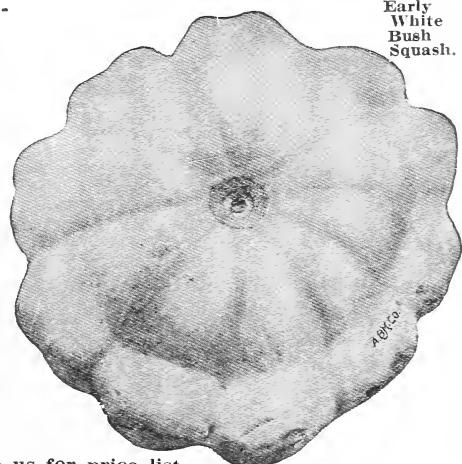
**TRUE HUBBARD.** The standard winter squash. Shell moderately warty; deep dark bronze green; flesh bright yellow, fine-grained, thick and dry. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10, postpaid.

We carry a complete stock of Poultry Remedies. Conkey's, Pratt's, Geo. H.



White Icicle Radishes.

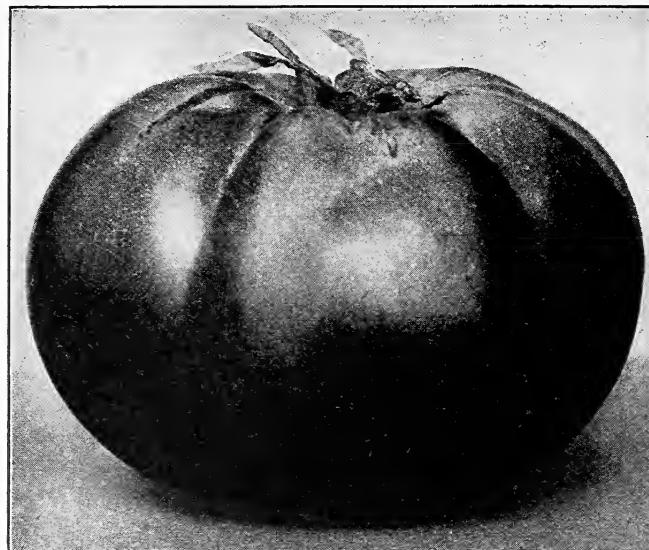
Early White Bush Squash.



SPECIAL PRICES TO TRUCKERS.



# Gorman's Matchless Tomatoes



Gorman's Matchless Tomato.

**Gorman's New Stone** (Bright scarlet). One of the heaviest and most solid of the large tomatoes, of good quality. Fine for main crop and deservedly one of the most popular tomatoes for shipping, canning, and home market. Of large size, bright scarlet color, and withstands rot and blight. It makes most attractive and salable fruits, firm, uniform, and is an excellent shipper. **Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.**

**LIVINGSTONE GLOBE.** (100 days). This is another of the Livingstone introductions which has proven very popular. In shape it is notably distinct from all others. Of large size, maintained throughout the season, always smooth, firm-fleshed, and has very few seeds, especially in the early fruits. Ripens evenly through and through. Fine glossy rose in color, tinged with purple. Very attractive. Bears fruit in clusters of from three to seven fruits. Especially adapted for slicing. **Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50, postpaid.**

**Gorman's Redfield Beauty** Fruits large, purplish-pink, extremely smooth and uniform in size; very solid and of excellent quality. Ripens about midseason. **Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.**

**BONNY BEST.** The fruits of this desirable early sort are most attractive in shape and color. The crop ripens more uniformly than any other early scarlet-fruited sort, and is of superior solidity and interior color. The vines are vigorous and produce a good crop of exceptionally round and deep fruits, bright deep scarlet in color and of very good quality. A very good variety for the early market and home garden. **Pkt., 10c; oz., 30c; 2 oz., 70c; 1/4 lb., \$1.00.**

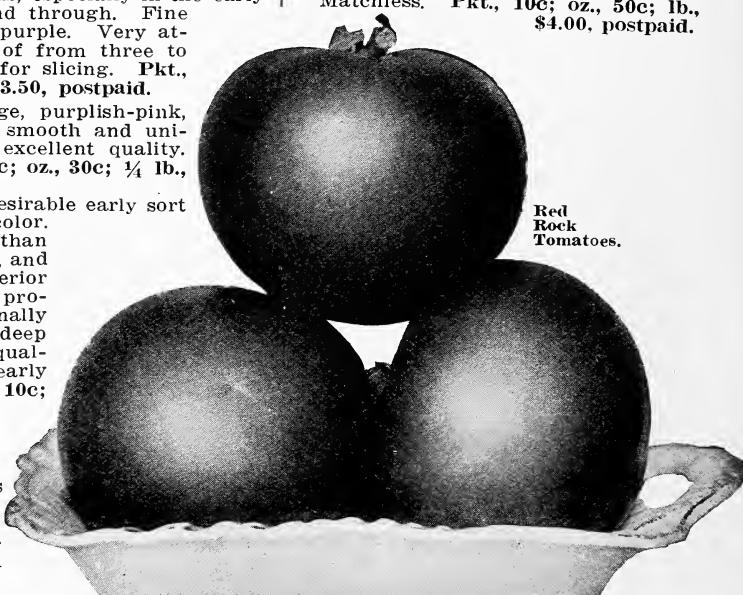
**RED ROCK.** (110 days). Very solid and free from an excess of water; smooth and fine red. For a late sort and for canning factories it is unexcelled, as it has produced as high as twenty-five tons to the acre. The vine is strong and vigorous, protecting the fruit from sun scald. **Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.50.**

An ounce of seed will make about 1,500 plants and a quarter of a pound will be sufficient for an acre.

Our Tomato seed, like all other seeds dispensed by us, are of the very highest type, and can be depended upon to produce the most satisfactory results. Our stocks are produced by an expert who specializes in tomatoes alone. His experience in this line extends over many years, and the sorts we offer are the result of his many years of careful breeding and selection. You cannot make a mistake in planting tomato seeds offered by us.

In our section, tomato seeds should be started in hotbeds or cold-frames, about the first of March. When the plants are about 4 inches high, they should be pricked off into flats, and allowed to harden in cold-frames or in a sheltered place in the garden. Transplanting to the open ground should not be done until the weather is reasonably warm. For garden cultivation the plants are usually set three feet apart each way, and trained to stakes or on trellises, so that the sun can penetrate easily and ripen the fruit quickly. Sowings of seed may be made at various times until June, the later sowing producing fruit in the late fall.

**Gorman's Matchless** The best large-fruited, smooth, main crop tomato. Matchless is a strong, vigorous grower, with thrifty vines which produce large handsome tomatoes most abundantly throughout the season. The fruits, of a rich cardinal-red, are remarkably solid and smooth, free from core, and uniformly of the finest flavor. The tomatoes are always of the largest size; they do not become smaller even late in the season, as the healthy growth of the vine and foliage carries a magnificent crop until killed by frost. For tomatoes of the largest size, always perfectly smooth, firm and handsome, of long-keeping qualities and finest flavor, thousands of planters agree with us that there is no other scarlet-fruited tomato that can equal Gorman's Matchless. **Pkt., 10c; oz., 50c; 1/4 lb., \$4.00, postpaid.**



Red Rock Tomatoes.



## GORMAN'S SEEDS

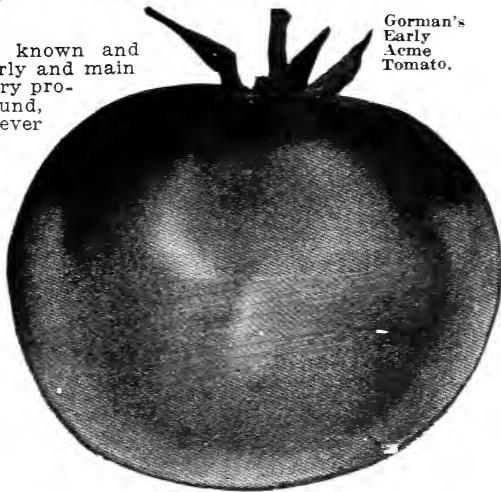
STAND FOR QUALITY.

## TOMATOES—Continued.

**Gorman's Early Acme**

Fine for early market. Well known and generally cultivated, both for early and main crops. Plants are of strong and vigorous growth, very productive, the fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough); color a glossy red with purplish tinge; ripens all over and through at the same time. Our seed is extra select. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$3.00, postpaid.

Gorman's  
Early  
Acme  
Tomato.



**IMPROVED JOHN BAER.** The earliest tomato on earth. Our seed came from a source that we know to be reliable and were grown especially for us. This tomato has a bright red color and produces large, beautiful, solid shipping tomatoes, earlier than any other tomato that can be planted. It will produce the most perfect tomato ever grown, will produce an enormous crop, ripens evenly, has a mild, delicious, sweet flavor, and is almost seedless. solid, and meaty; fruit weighs  $6\frac{1}{2}$  ounces. Being such a tremendous yielder, a bushel of John Baer tomatoes can be gathered in one-third the time of any other tomato. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50, postpaid.

**EARLY DETROIT.** This splendid variety is the largest and best of the early purplish-pink tomatoes. The vine is vigorous and very productive. Fruits are very smooth, uniform size, nearly globe-shaped, firm, and of excellent quality. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.00; lb., \$3.50, postpaid.

**Gorman's Improved Earliana**

Our carefully selected strain of this variety is now the earliest variety we know of; fruits large, usually smooth; one of the most profitable for market. Vines vigorous and productive, having yielded for us at the rate of over 600 bushels to the acre; a first-class early market variety. The seed we offer ripens tomatoes about 10 days earlier than original stock. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 90c; lb., \$3.25, postpaid.



Gorman's Improved Earliana Tomatoes.



Improved John Baer Tomato.

**DWARF STONE.** Vine dwarf but vigorous and productive. While maturing with the later sorts the bright red fruits are of good color, exceedingly smooth, uniform in size and very solid. One of the best large-fruited dwarf tomatoes. The substance of this tomato is all that could be desired either for slicing or canning. Flavor is delicious. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.75; lb., \$3.50.

**Gorman's Trucker's Favorite** Have been tried extensively by the very best truckers and have proven to be the equal, if not better, than any other middle crop tomatoes on the market. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$3.00, postpaid.

**PONDEROSA.** A purple fruited Tomato of large size. Vine vigorous; fruit very solid, fairly smooth and considered very good quality, especially by those who prefer a Tomato quite free from acid. This variety is more suitable for home use than for the market. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00; 5 lbs., \$24.00, postpaid.

**TRUCKER'S FAVORITE.** A late variety, producing large, smooth, solid fruit of a purplish-red color. It is quite prolific and resists blight to a remarkable degree. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**RED PEAR.** Fruit bright red; distinctly pear-shaped. Used for preserving. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**YELLOW PEAR.** Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

SPECIAL PRICES TO TRUCKERS.



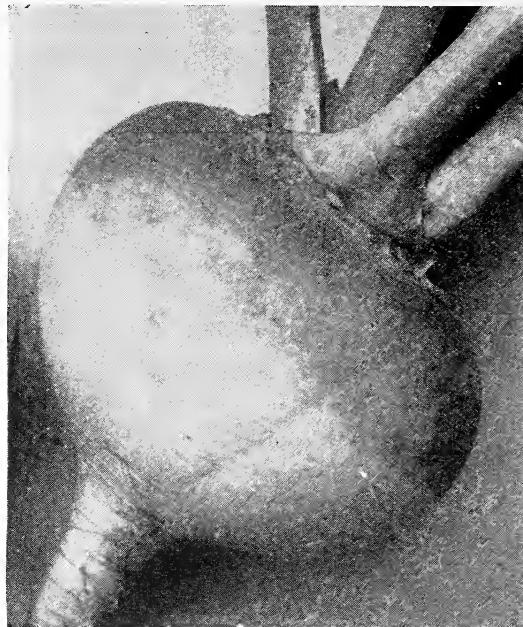
# Gorman's Turnips

One ounce of seed sows 100 feet of drill; one to two pounds to an acre.

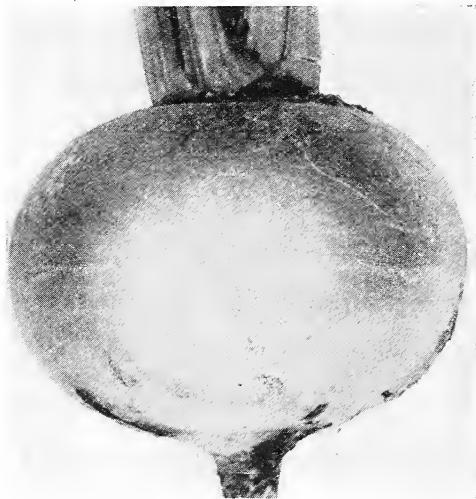
**Culture.** Sow the early sorts in July or August and the late during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches, and roll the ground after sowing. Rutabagas should be sown in August and September and earthed up as they grow. Early Turnips may also be sown in the spring.

## Gorman's Improved Early Purple Top White Globe

Are strictly American grown, and have been developed to the very highest type of perfection. Specimens shown on this page weighed 6 pounds at the age of 60 days. The writer after his many years of experience in this line of work has never had the pleasure of seeing finer specimens of this variety. Our strain develops a salable turnip in about six weeks. We recommend to our trade this splendid variety, knowing that when the soil is properly prepared and cultivated, results will not be disappointing. To produce best roots, turnip seeds should be sown in a light sandy loam, stiff clay does not produce as good results. Planting can be made in most any section of Alabama commencing about February 15th and continuing throughout spring and summer and till late fall. Sow either broadcast or in drill in fall. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c, postpaid.



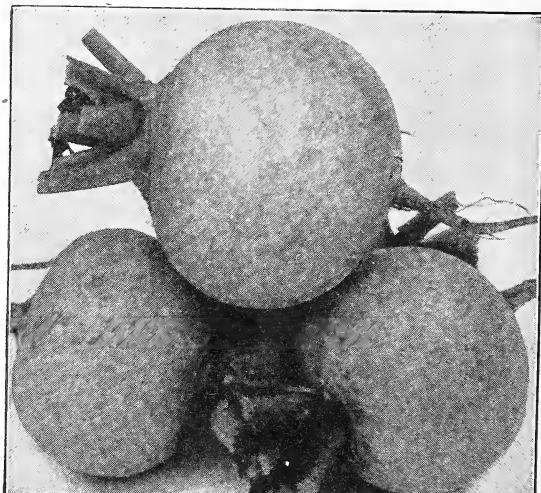
Gorman's Improved Early Purple Top White Globe Turnip.



Gorman's Snow White Globe Turnip.

**POMERANIAN WHITE GLOBE.** One of the most productive kinds. It is globe-shaped, skin white and smooth; excellent for table use. As it stays tender and in good condition quite a while, it is a fine trucker's turnip. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c, postpaid.

**EARLY PURPLE TOP STRAP-LEAVED.** (63 days). This is an early variety and a great favorite for table use. It is quite flat; of medium size; color purple top or dark red above the ground; flesh below ground white, fine-grained and tender. Leaves few and upright in growth. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  lb., 35c; lb., 60c.



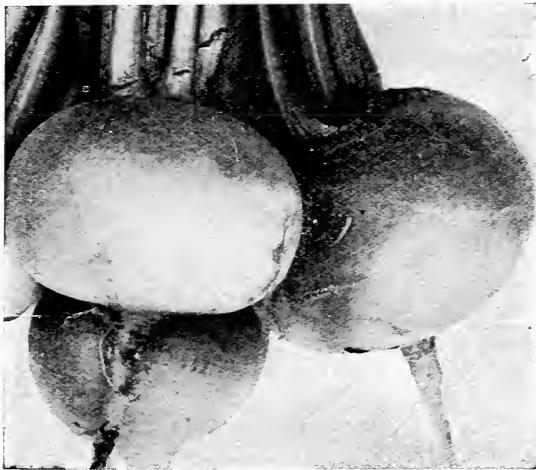
Pomeranian White Globe Turnips.

SPECIAL PRICES TO TRUCKERS.



STAND FOR QUALITY.

TURNIPS—Continued.



Gorman's Golden Ball Turnips.

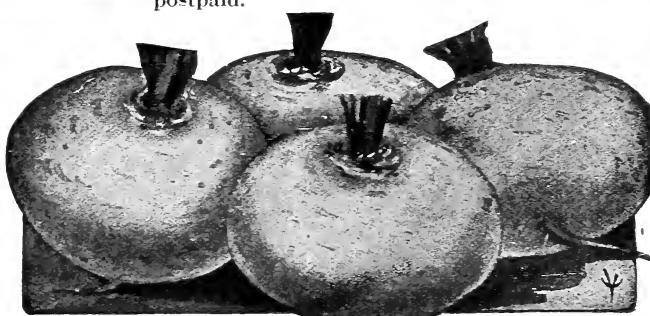
**SEVEN TOP.** Grown only for its leaves, which are eaten as greens or salad. Very hardy. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.



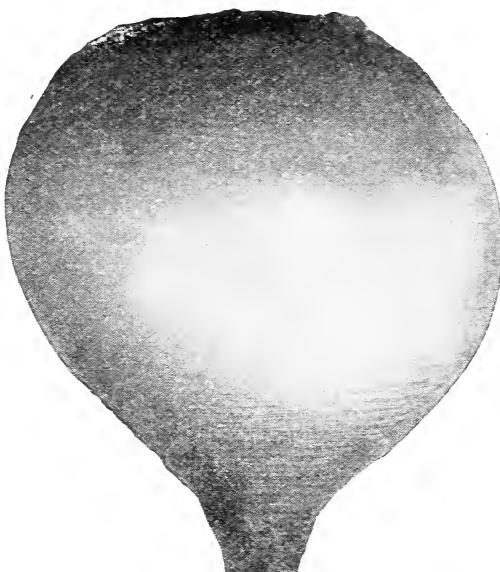
Cow Horn.



New White Egg Turnip.



Gorman's Early White Flat Dutch Turnips.



Gorman's Improved Purple Top Rutabaga.

## Rutabagas

**IMPROVED PURPLE TOP.** (95 days). A very superior strain of rutabaga and one that we know will give entire satisfaction, either for home use or market garden. Flesh yellow, very sweet and tender, upper half of bulb purple. Globular in shape, with small neck; very productive and solid, making it an excellent keeper. Pkt., 5c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c.

SPECIAL PRICES TO TRUCKERS.



## Gorman's Best Muskmelons



Gorman's Gold Lined Rocky Ford Muskmelons.

### Gorman's Gold Lined Rocky Ford

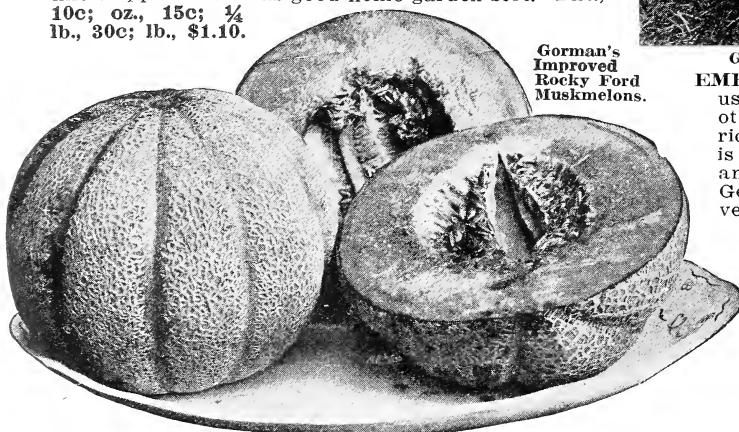
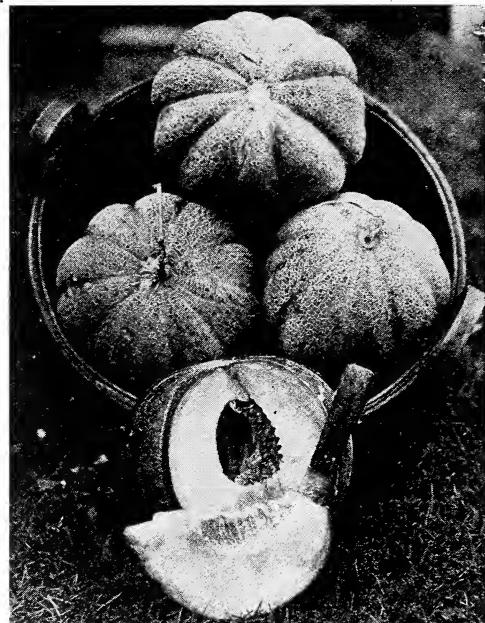
This great and new Cantaloupe is all that its splendid name implies. It is one of the surest croppers of the cantaloupe family. Meat is of rich gold color and as sweet as sugar. As is the habit with a great many varieties of cantaloupes, this one does not crack and will stand long hauling. This variety is destined to become the most popular variety with truckers that has ever been offered. We have only a few hundred pounds of these seeds to offer and will not be able to secure more stock this season. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c.

### Gorman's Improved Rocky Ford

(72 days). We consider this type the highest development, both as to netting and rust-resistant qualities, yet attained in the Rocky Ford cantaloupe. The melons run uniform standard size, the exceptionally heavy netting being laced over the entire surface of the melon, making it an ideal shipper. It is green fleshed, shading to salmon about the seed cavity, which is unusually small. The flesh is solid and fine-grained, flavor unexcelled. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

### Gorman's Improved Netted Gem

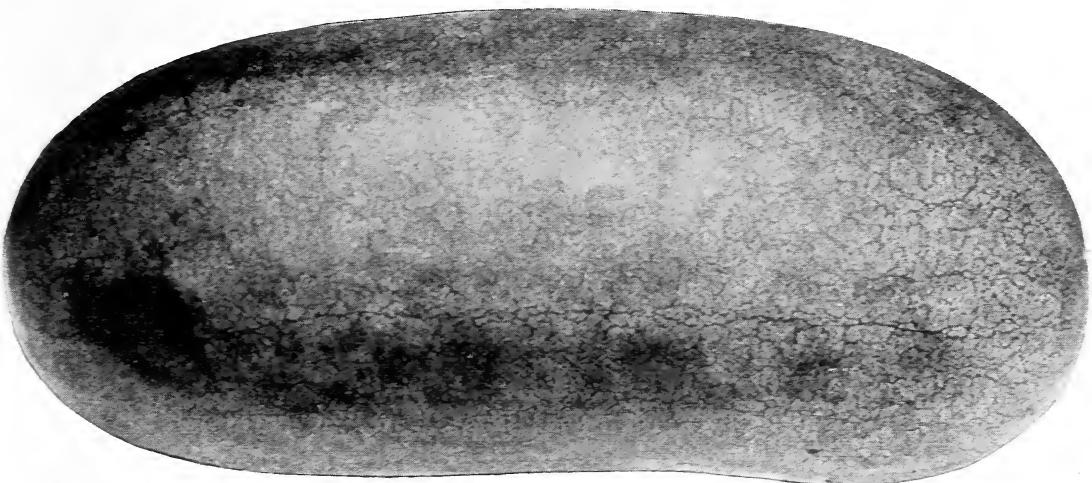
(75 days). This is an almost perfectly round, solid netted variety, with extra small seed cavity. Flesh very firm, thick, and of excellent quality. A fine shipper as well as good home garden sort. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10.

Gorman's Improved  
Rocky Ford  
Muskmelons.

Gorman's Eden Gem Muskmelons.

**EMERALD GEM.** For home or market use there is no better variety. No other variety is uniformly of such rich flavor and sweetness. The flesh is of a beautiful rich salmon color, and sweet and luscious. Emerald Gem is of medium size, prolific and very early. Skin smooth, of a deep emerald green color. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10.

Beautify your home by planting a pretty lawn, an orchard and flowers. We specialize on lawn grass mixtures and carry a complete stock of fruit trees.



Gorman's Irish Gray Watermelon.

## Gorman's Watermelons

One ounce will plant 50 hills; four pounds will plant an acre.

Alabama, Georgia, and Florida, seem to be the home of the Watermelons. They are grown for private consumption, for the local market, and are shipped by the carload to the North. On a hot day in summer there isn't anything that can quite take the place of a nice, sweet, juicy melon. They grow best in a white, sandy soil. They can also be grown to advantage in a clay soil if it is made light and fertile. Stable manure is generally considered the best fertilizer, although commercial fertilizers are largely used. About a dozen seeds should be planted in hills, which are made from 5 to 10 feet apart each way. After the plants get their second or third pair of leaves, or after the bugs have practically disappeared, some plants can be pulled out. When fertilizer is applied during the growing season it should be well spread out two feet or more from the center of the hill, as the roots are wide-spreading rather than going deep into the ground. The first planting of seed can be made as soon as the ground gets warm, usually about the middle of April. The cultivation should be shallow but quite thorough; it is better to cut off weeds rather than to pull them up, as the latter disturbs the vine roots. In a small garden an ounce of seed will be sufficient for twenty-five hills.

**Gorman's Irish Gray** The size of this melon is uniformly large, and it closely resembles Kleckley Sweets, except the color, which is a yellowish-gray. Flesh is very sweet and firm, without hard center, brilliant sparkling red. Rind almost as tough as a citron, making it a grand shipper. Irish Gray has instantly met with universal favor. Pkt., 5c: oz., 10c:  $\frac{1}{4}$  lb., 35c: lb., 90c. postpaid.

**Gorman's New Strain Tom Watson** For many years the Tom Watson melon has been a favorite with truckers throughout the melon section of the South. Realizing that this strain possesses superior qualities that would always keep it in favor with market gardeners, we have developed a type that we believe to be superior to any other now being offered the public. We have our seed grown under ideal conditions, and in harvesting none are retained except from the very best specimens. Our method of harvesting insures the highest degree of germination. Pkt., 5c: oz., 10c:  $\frac{1}{4}$  lb., 35c: lb., \$1.00. postpaid.

**KLECKLEY SWEETS.** This melon is dark green, the flesh is scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large, solid heart, which does not crack open when ripe. The scarlet flesh is sweet and sugary, and of such texture that it leaves no string or pulp whatever in eating. Pkt. 5c: oz., 10c:  $\frac{1}{4}$  lb., 30c: lb., \$1.00. postpaid.

**FLORIDA FAVORITE.** (85 days). This variety hardly needs an introduction; it has been a favorite with growers in this section for years and it deserves its popularity. Oblong in shape, rind dark green with lighter green stripes, flesh red, solid, and very sweet. When ripened properly the flavor is delicious. This melon is one of the very best varieties on our list and one which will always give eminent satisfaction. Don't fail to include it when ordering seeds. Pkt., 5c: oz., 10c:  $\frac{1}{4}$  lb., 30c: lb., 90c. postpaid.

**HALBERT HONEY.** The melons are oblong in form, symmetrically rounded at both ends. The skin is smooth, of dark green color, thin, and rather brittle; on this account the melons do not stand shipping well. They are, however, the best melons for home use and nearby markets. The flesh is of a beautiful crimson color, of luscious flavor and entirely free from strings. Try Halbert Honey this year. Pkt., 5c: oz., 10c:  $\frac{1}{4}$  lb., 30c: lb., 90c. postpaid.

**EXCEL.** This is the largest shipping melon yet produced; of good flavor, strong, tough rind, and solid, firm, crisp flesh that will carry to any market and keep well. Similar in shape to Tom Watson, but thicker. Color is dark green. Very prolific and averages more large melons than any other variety and weighs heavier for its size.  $\frac{1}{4}$  lb., 35c:  $\frac{1}{2}$  lb., 60c: lb., \$1.00. postpaid.



Gorman's King of the Mammoths Pumpkins.

## Gorman's Pumpkins

One pound will plant 200 to 300 hills; four to six pounds to an acre.

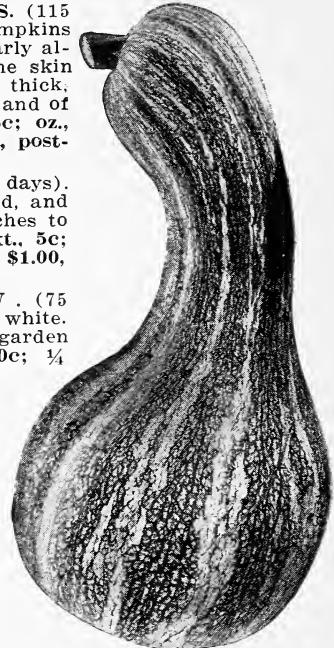
**Culture.** Plant in the spring with field corn, in hills 10 or more feet apart, four seeds in a hill, or for garden planting, in hills 6 feet apart. Do not plant near melon or squash vines, as they mix. The Pumpkin more properly belongs to the farm than the garden, and they make splendid feed for sheep when the pasture begins to fail in the fall.

**KING OF THE MAMMOTHS.** (115 days). The great big pumpkins you see at the fair are nearly always from this seed. The skin is light, and the flesh is thick, bright yellow, fine-grained and of excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.20, postpaid.

**LARGE CHEESE.** (75 days). Creamy buff colored, round, and flattened, averaging 20 inches to two feet in diameter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

**GREEN-STRIPED CUSHAW.** (75 days). Striped green and white. Rich yellow flesh. Best garden variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c, postpaid.

**KENTUCKY FIELD.** (100 days). Grows large and is adapted for cooking purposes and feeding stock. They are variable in shape, some being flattened at the end, others round or long. Of deep yellow color. Fine grain and of excellent flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.



Cushaw Pumpkin.

## Peanuts, A Profitable Crop for the South

We are convinced that this will be one of the best money-making crops in the South; they are getting more and more important every year. We know of one man who raised 6,000 bushels and a good corn crop with only three mules. Peanuts, of course, belong in the class of legumes, and will improve the soil—build it up, like cow peats or velvet beans.

The demand for peanuts is growing rapidly, not only as a food for man and beast, but a number of products are now being manufactured from them, such as peanut oil, peanut butter, etc. There is hardly any food product more wholesome or possessing a higher feed value. The vine or tops of all sorts of peanuts make a delicious hay, relished by all classes of live stock as well as hogs. The hay is much improved where more or less of the nuts are harvested with it.

Peanuts should be shelled before planting. They should be planted in May or early June, in rows about  $2\frac{1}{2}$  to 3 feet apart, dropping the nuts 8 to 10 inches apart, one in a hill. Cover one or two inches deep. Cultivate three or four times with a cultivator, so as to loosen the earth and keep down the weeds, and at the last working, with a small turn-plow, throw the dirt to the nuts. Do not cultivate too late in the season, as late cultivation is likely to injure the formation of the nuts. It is advisable to make an application of lime, scattering it on top of the row just after planting, and use a top dressing of land-plaster just after the last working. Peanuts require plenty of lime to make first class nuts, and the use of lime and land-plaster as above mentioned, is recommended by the most successful growers.

**SPANISH PEANUTS.** There are several types of Spanish Peanuts. One is a large improved sort, known as Valen-

cia; another has red nuts, but the one most in use is the common Spanish or Two-Crop Peanuts, the shell being small, the nuts closely packed in the shell, and are of pale red or white color. The plant is bunchy in character, admits of close cultivation, the nuts are borne close to the plant, and when the plant is pulled up, most of the nuts adhere to the roots. It is the best flavored nut in use. Pkt., 75c; bu., \$2.50. By mail, postpaid, per qt., 20c.

**COMMON GEORGIA.** Plant in drills 2 feet apart, placing nuts 8 to 12 inches apart in the drill. Cultivate well and keep clean. It requires 15 to 20 pounds of shelled nuts or one bushel (24 lbs.) of peanuts when not shelled, to plant an acre of this variety. They resemble the Spanish Peanut, but are not of bunch growth; rather have a tendency to spread, like the Virginia Peanut. Qt., 20c; pk., 70c; bu., \$2.00.

**NORTH CAROLINA PEANUTS.** In appearance this variety looks like the ordinary Virginia peanut of commerce, only it is much smaller, being only a little larger than the Spanish. The hull contains two nuts, pale red and white. The variety fills out well, and will yield better on poor soil than any other sort. The vines are spreading in character. The heaviest yielder, and affording the greatest amount of forage of any sort. Good for hog pasture. Pkt., \$1.00; bu., \$3.00. By mail, postpaid, per qt., 25c.

**RED SPANISH.** A popular sort in some sections. They are long, somewhat irregular in shape, contain about three or four nuts of deep red color and excellent flavor. Should be planted on good soil to make them fill out well. Later than the White Spanish. Qt., 20c; pk., \$1.00; bu., \$2.50.

SPECIAL PRICES TO TRUCKERS.



# Gorman's Specially Selected Seed Corn

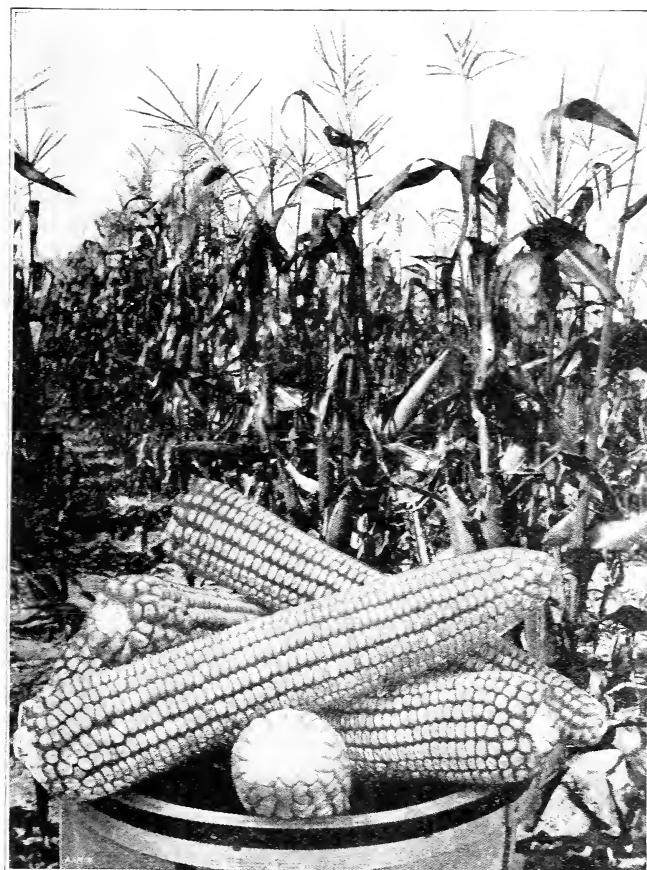
One quart of Corn to 300 hills; eight quarts to the acre.

Proper selection of Seed Corn is a matter of working year after year, planting good seed in the beginning, watching the particular stalks which grow best and which set enough ears the proper distances from the ground, and then cutting the tassels from all other stalks in the field. The seed ears must be selected on the stalk, and ripened and dried under correct conditions. The grains must be shelled and stored and graded so they will be even in size, and their vitality maintained unimpaired. Finally, the seed must be tested for germination. We have picked growers who give their corn crops the attention necessary to produce first-class seed.

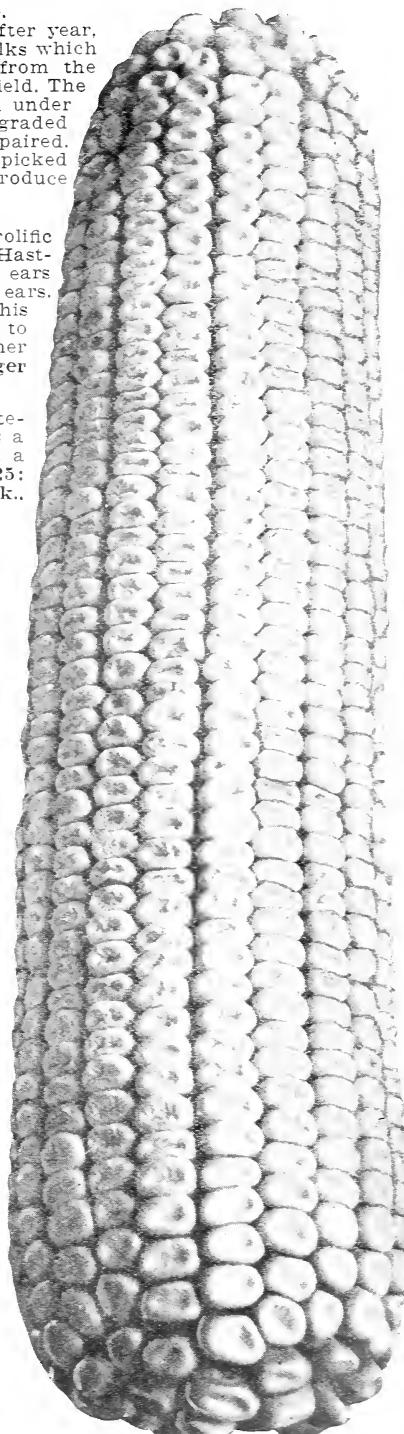
## Gorman's Trucker's Prolific Field Corn

Gorman's own strain of prolific field corn is similar to Hastings' Prolific in shape of grain, but grains are deeper and ears much larger. Stalks average three or more well developed ears. The grains are pearly white and produce excellent meal. This variety is capable of very high production. We are anxious to have our trade try this strain out as we feel there is no other variety on the market so good. Qt., 20c; gal., 50c. Larger quantities, write for prices.

**MOSBY'S PROLIFIC CORN.** (115 days). This is a small white-cob Prolific Corn. It makes two good ears to every stalk, is a very heavy yielder and the corn is easy to shell, making it a fine stock corn. The grain is soft. Qt., 20c; gal., 65c; pk., \$1.25: bu., \$4.50. By express or freight, not prepaid. qt., 20c; pk., 90c; bu., \$3.50.



Gorman's Improved Mosby's Prolific Corn.



Gorman's Trucker's Prolific Corn.

**SPECIAL PRICES TO TRUCKERS.**



STAND FOR QUALITY.



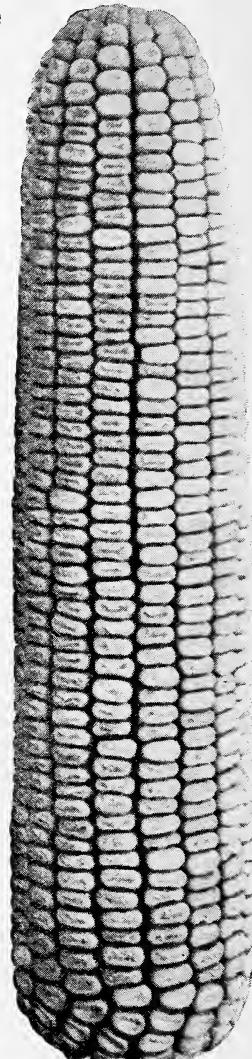
Gorman's Improved Tennessee Red Cob Corn.

**GORMAN'S SELECTED SEED CORN—Cont.**  
**Gorman's Improved Tennessee Red Cob**

Gorman's improved strain of Tennessee Red Cob is a two-eared variety with much smaller cob than the old type of Tennessee Red Cob. The stalk is also smaller and for this reason can be left a good deal thicker in the rows. The grains are long and very evenly distributed. One of the striking characteristics of Gorman's Improved Tennessee Red Cob is that you scarcely ever have a barren stalk. Our supply of this excellent variety is very limited and for this reason we advise sending in your order early. Qt., 25c; gal., 60c. Larger quantities, write for prices.

**Gorman's Early Snowflake**

Gorman's Early Snowflake Corn is especially adapted for southern truckers. The ears are at least 14 inches long, filled out to the ends. It is easily the best roasting-ear Corn ever offered in this market. It is tender for a longer period than any other roasting-ear Corn known. Will succeed on any land



Gorman's Early Snowflake Corn.

on which our ordinary southern grown Corns will. The stalks grow as big and as tall as ordinary field Corn and the ears mature in from 75 to 90 days. Qt., 25c; pk., \$1.00; bu., \$3.50, not prepaid.

**HICKORY KING.** Has the smallest cob of any corn grown. Makes a very large, white, flat grain and is very largely planted for roasting ears. Qt., 20c; gal., 60c; pk., 90c.

**MEXICAN JUNE.** A hardy, drought-resisting white corn; ears 7 to 10 inches having fourteen to eighteen rows evenly lined on white cobs; grain of good size. Will make ears under conditions entirely too dry for other sorts. Qt., 20c; gal., 75c; pk., \$1.50; bu., \$4.00.

**HASTINGS' PROLIFIC.** (110 days). This is a valuable variety of white corn. On land of good fertility and especially on low river ground, it may be relied upon to produce from two to four ears to the stalk and we have seen growing as high as eleven good ears to the stalk. The prolificacy makes it a heavy yielding corn. The ears are of good average size, and grain being of a white, flinty nature, making an excellent meal or hominy corn. Qt., 20c; gal., 60c; pk., 90c; bu., \$3.50.

## Gorman's Garden Corn

Sweet Corn should be planted as soon as danger of frost is over, using one of the early sorts and one of the medium or late varieties so as to have them mature in succession. You can continue to plant the two varieties at intervals of two weeks until about middle of July and you will have fresh corn until fall season. Soil should be rich and cultivated often. Plant in hills 3 feet each way, dropping three to four seeds to the hill and thinning to two when up. Adams Early and other dwarf varieties can be planted closer or in rows, dropping seed 12 to 18 inches apart in the row. One quart will plant 200 hills; one peck will plant one acre. Priced by measure.

**STOWELL'S EVERGREEN.** (85 days). A late variety that is very popular among market gardeners and also for home use on account of its wonderful keeping qualities. It will hold its fresh, tender, sweet condition longer than other sorts. Makes fine large ears, popular as a shipper. Pkt., 5c; qt., 35c.

**COUNTRY GENTLEMAN.** (75 days). This we might call an intermediate as it is often used as a second early, following Early Adams. It is one of the best of sweet corns and our strains will be found true to type, making ears 8 to 9 inches long. Pkt., 5c; qt., 35c.

**Gorman's Trucker's Favorite** For a second-early to follow Early Adams, this is unquestionably one of the best; or for planting late to mature quickly, it is equally valuable. It is a white Corn, with a good depth of grain, tender and sweet, and makes a most desirable size for roasting. Ears average 8 to 10 inches long. Besides being a fine garden corn, it makes a splendid field corn for late planting. Pkt., 5c; qt., 40c, postpaid. By express or freight, not prepaid, qt., 25c; ½ pk., 75c; pk., \$1.25; bu., \$4.00.

**GOLDEN BANTAM.** (75 days). An extra early that has been introduced only a short time, but on account of its delicious flavor, early habits and rich color, it has become one of the most popular sweet corns of the entire list. Pkt., 5c; qt., 35c.

**EARLY ADAMS.** (70 days). This is not a sweet corn but its extreme earliness and soft white grains are very tender and used as roasting ears. Pkt., 5c; qt., 35c.

**SPECIAL PRICES TO TRUCKERS.**



# Cotton

**GORMAN'S IMPROVED KING COTTON** is one of the earliest types of this variety known. It has long, silky staple, and is very prolific. One of the best varieties to combat the boll-weevil with. Should be planted from the 10th of April to middle of May. We do not believe that you could plant a better money-maker than Gorman's Improved King Cotton. Yields about 40 pounds of lint to the 100 pounds of seed cotton. **Sack lots, \$2.75 per bu. Quantity lots, \$2.50 per bu.**

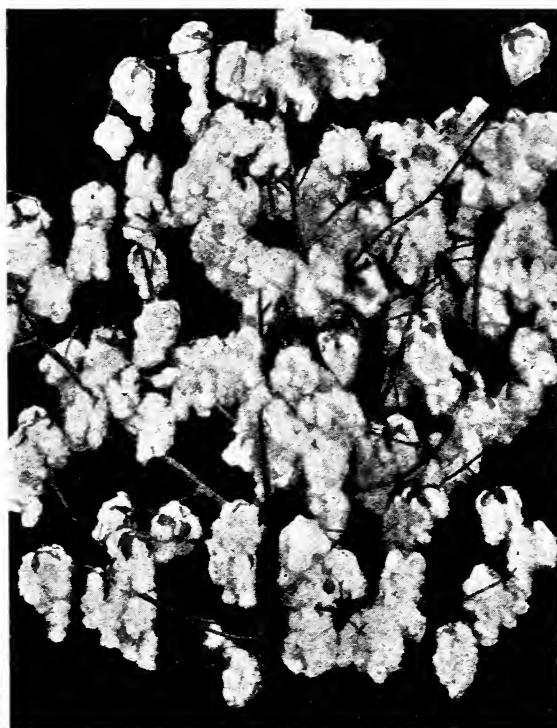


Gorman's Improved King Cotton.

**GORMAN'S EARLY HARVEST** is one of the most prolific varieties of cotton known. Has very long staple, and is exceedingly early. Is a great drought resister. We cannot recommend this variety too highly. Will yield about 40 pounds of lint to the 100 pounds of seed cotton. It is very similar in its nature to Simpkins' Prolific.

Order early, as our supply of this variety is very limited. In sack lots, \$3.50 per bu. In quantity lots, \$3.00 per bu.

**WANNA MAKER-CLEVELAND**. This well known variety of cotton needs no introduction from us. It is one of the standard varieties throughout the South, and is well known to nearly every farmer. There is no better variety known than Wannamaker-Cleveland. In sack lots, \$2.50 per bu. In quantity lots, \$2.25 per bu.



Stalk of Wannamaker-Cleveland Cotton.

**HALF AND HALF**. This is a comparatively new variety of cotton, having been introduced about ten years ago. It is generally claimed that under favorable conditions it will yield from 40 to 45 pounds of lint from 100 pounds of seed cotton. Our supply of this variety is exceedingly limited, and we advise that you send your orders in at once. In sack lots, \$2.50 per bu.

In quantity lots, \$2.25 per bu.

**SIMPKIN'S PROLIFIC**. This is one of the standard sorts, and is always in great demand. There is scarcely a farmer throughout the Cotton Belt who is not thoroughly acquainted with the merits of this splendid variety of cotton. It is a very heavy yielder, and resists drought splendidly. We cannot say too much for this variety. In sack lots, \$2.50 per bu. In quantity lots, \$2.25 per bu.



Half and Half Cotton.



# The CLOVERS

## Gorman's High Grade Clover Seeds

### Why Sow Clover

Inoculate this  
Seed with  
**FARMOGERM**

It does not exhaust the soil, but improves it.  
To make two cuttings of fine hay a year.  
To make an excellent pasture.  
To put humus in your land.  
To increase the yield of crop that follows it.

Because it is the cornerstone of good farming.

**RED CLOVER.** The standard hay, pasture and soil-improving crop wherever general farming is practiced. Red Clover on good land will yield two cuttings a year. For hay it is particularly well adapted for sowing with orchard grass and tall meadow oat grass, as it ripens at the same time, and sowing the three together will give larger yields of better quality hay than sowing either alone. Land should be prepared as for alfalfa and the seed sown in the fall, not later than the middle of September, using 10 to 12 pounds to the acre. **Write for prices.**

**ALSIKE CLOVER.** Alsike Clover grows thicker, and is finer-stemmed than Red Clover; has plenty of leaf and makes better hay and more and better grazing than Red Clover. It is harder and will stand greater extremes of heat, drought and severely cold weather than any other clover. Particularly valuable for grazing and in mixtures of grasses whether grown for hay or grazing, for it makes a thick undergrowth, greatly increases the yield as well as the feeding value of the hay. It varies greatly with the soil on which it is grown, making its best growth on rather low, heavy soils. Should be sown in August or September, at the rate of 10 pounds of seed to the acre. **Write for prices.**

**CRIMSON CLOVER.** Crimson Clover is very desirable for dairymen, and makes excellent fall, winter and spring grazing. As a grazing crop, it is better to sow with rye. Also very valuable as a cover crop in orchards. Crimson Clover can be grazed or cut for hay, and then the stubble plowed under, with considerable improvement to the land. It is a particularly valuable soil improver for corn and cotton when sown at the last working, plowing under the clover the following May and again planting in corn or cotton and growing larger crops every year. Sow from the end of July to early in October. Prepare the land well and then wait for a rain. As soon after a rain as the land is dry enough, break the crust with a light harrow; then sow the seeds, covering with a light harrow. Sow at the rate of fifteen pounds per acre. **Write for prices.**

**BURR CLOVER.** Burr Clover is a valuable soil improver and a fine winter grazing crop. Once established, unless pastured too closely, it reseeds itself and improves each year. Mixed with Bermuda Grass it makes a splendid all-the-year pasture. **Write for prices.**

**JAPAN CLOVER** (*Lespedeza Striata*). This is especially suited for waste lands, woodland pastures, and for dry limestone hills. It is not a pest, for it can be gotten rid of by plowing it up and is an excellent fertilizer. To obtain a stand it is only necessary to scatter the seed broadcast in the spring during March and April at the rate of about ten pounds per acre. **Write for prices.**

**MELILOTUS or SWEET CLOVER.** Sweet Clover does not bloat cattle. It will stand more frost than any other pasture plant, and is the greatest green manure known. No dairymen can afford to be without it. **Write for prices.**

Our Mr. Gorman will gladly answer all inquiries regarding pasture mixtures. How to build good pastures. How to make good lawns and the best combinations for ensilage.



## Alfalfa

### The Superior of All Plants for Hay and Pasture

We know of no crop that is of more interest or value to the American farmer of today than Alfalfa. There is no need of any farmer being short of hay, if he has a good field of Alfalfa. It will produce three crops the dryest kind of a year, and when conditions are more favorable it will make four crops. Any plant that will do this, merits a place on each and every farm. Alfalfa is an easy crop to grow. Fifteen pounds of Alfalfa will make an excellent stand and spring is the time to sow. Our customers are sowing Alfalfa in the spring with their small grain in the same manner as they do clover, and are getting excellent stands and results. Many also seed Alfalfa by itself, sowing in April or May, with even better results. We furnish only the best seeds. Market unsettled, write for prices.

**HAIRY or WINTER VETCH.** King of all soil builders. As a pasture plant for late fall and early spring, or as a fertilizer, Hairy Vetch is without an equal. It is a wonderful plant and has made a record wherever it is used. It is much superior to rye as winter pasture, staying green all winter and starting out ahead of all other plants in the spring. There are thousands of acres of sandy dry land that are practically lying idle and worthless through different parts of this country that will produce fine crops of Vetch. Make this land produce more for you. The fertilizing value of Vetch cannot be overestimated. Our price on selected seeds is very low. Market unsettled, write for prices.

**GORMAN'S NEW DEPENDABLE SUDAN GRASS.** Don't fail to grow Sudan this year. Seed is more plentiful, prices lower and everything favorable for the buyer. Sudan is a wonderful crop, easy to grow, expense of seeding low. There is no other forage crop that will begin to compare with it when it comes to actual worth and value. It is the universal opinion of those who have grown it that it is destined to make one of the very best ensilage crops known. It will be even better when grown with soy beans or cow peas, as this combination would make an enormous yield of ensilage that would be very palatable and well balanced. Sudan Grass may be planted in cultivated rows, in close drill or broadcast. Plant in cultivated rows, 30 to 36 inches apart. Only 3 or 4 pounds of seed to the acre will be required. Market unsettled, write for prices.



Winter Vetch.



A Field of O-Too-Tan Beans.

## The Famous O-too-tan Beans

The O-Too-Tan Soy Bean came into existence just a few years ago near Meridian, Miss. It is unquestionably the greatest hay producer and land enricher known today. From four to six tons of the finest hay is readily produced from an acre of O-Too-Tan Beans. Every farmer should plant as many acres as possible to this wonderful Bean. We give below a testimonial from one of our big Alabama farmers as to what he thinks of O-Too-Tans and also what he produced. You will also note that he makes mention of results obtained from early and late planting, and you will observe also that he obtained splendid results by planting in his corn. We believe it will pay you to read carefully what this gentleman says, as he seems to be a very successful farmer.

**Price, lb., 20c; 10 lbs., \$1.50. Write for bushel prices.**

Gorman-Gammill Seed Co.,  
Birmingham, Alabama.

Edeu, Alabama.  
Feb. 6, 1923.

Gentlemen:—

In answer to your request that I give you my experience raising O-Too-Tan Soy Beans, will say as a beginner, that in over eighteen years as a farmer I have never raised a crop that gave anything like the returns from every angle, as a money, forage and seed crop. In addition to this they are by far the greatest plant nitrogen producer in the world. I will pay \$25.00 to any one who will show any legume that has even seventy-five per cent of bacterial nodules.

**PLANTING.** I planted these beans in 1922 in three foot rows. I dropped them 4 inches apart for hay and 6 to 8 inches apart for seed. If crowded they will not produce as large a crop of beans, but will make more hay. They were planted on rolling land on March 15th, March 30th, April 15th, and May 15th. In bottom land on May 15th, June 1st, June 15th, July 1st, and July 12th.

**IN CORN.** I laid off the land in 3-foot rows and planted corn in every other row (made corn rows six feet apart) then planted the beans in every row including corn row (this made the bean rows three feet apart). When I shocked the corn it left a solid field of beans in 3-foot rows.

They all came into bloom the last week in August regardless of the date on which they were planted. The earlier planting made a much larger growth of forage. In the seed, plants did not show that the early planting produced any more than the later planting, all matured before frost.

I worked them as follows: I ran around them when 3 inches high with a Little Joe harrow, then three workings with spring tooth cultivation and laid by; they soon met in 3-foot middles and shaded out all grass.

**NOTE.** I would not advise planting in corn rows except on good land—plant corn in 6-foot rows and beans in the middles.

**GATHERING.** I cut the hay crop when beans were in the dough just as the bottom leaves turned yellow.

I leaned four poles together 12 feet from the ground and let them project 2 feet every way. Hauled the hay green from behind the mower and stacked on these poles, the air passing up on the inside and out of the top. They cured pea green and were baled at the stack 30 days after stacking.

**SEED BEANS.** I let the seed beans stand in the field until almost all the leaves had fallen off, then cut them in the morning while dew was on and hauled to barn. This prevents them from shattering and when piled loose the dew dries off soon.

## Mammoth Yellow Soy Beans

This wonderful Bean needs no further introduction. As it is largely grown as far north as the central portion of Illinois, North and South Carolina farmers have enriched themselves from the sale of this Bean. They sell more readily than Cow Peas and bring the farmer a greater profit. They can be grown on most any kind of soil where Cow Peas will grow successfully. Will produce from four to six tons of Beans and hay per acre, and will enrich the land on which they are grown most wonderfully. Our stock is obtained from North Carolina farmers and will germinate as high as ninety per cent. Price in sack lots, \$3.25 per bu.; in bu. lots, \$3.50. In larger quantities than sack lots, write for special prices.

# Velvet Beans

## The South's Greatest Forage Crop

Inoculate this  
Seed with  
**FARMOGERM**

The Velvet Bean is the most vigorous growing annual legume cultivated in the United States. Planting with corn is the best and most profitable way in which they can be grown as all varieties except the bush require a support of some kind and corn serves the purpose well. The beans are often planted in the same rows and in alternate hills with the corn. This is an excellent method when one of the smaller growing sorts is used or where the crop of both corn and beans is to be used for silage. The rate of seeding will vary with the purpose for which the crop is grown. When planted with corn and it is desired to secure as much corn as possible, they should be planted from 2 to 3 quarts per acre, but if a heavy crop of beans is wanted and the corn is not of first importance, twice as much seed should be used. When planted to make the heaviest possible quantity of vines, either for green manuring or as a smothering crop, from half a bushel to a bushel of seed should be used. The most important use of the Velvet Bean is as a grazing crop for cattle and hogs in the autumn and winter. It is not grazed well by horses and mules or by any stock until after it has been well matured or frosted. Cattle eat the entire plant, including the pods, but hogs reject the pods, so it is better to have cattle precede the hogs in grazing. **Write for prices.**



Velvet Beans.

## Seed Wheat

**RED MAY WHEAT.** Claims great earliness. A standard variety and a great favorite in Tennessee; planted from September to November. One bushel per acre, 60 pounds per bushel. \$2.25 per bu.

## Rye

**ABRUZZI RYE.** Said to be fully a week or ten days earlier than the ordinary rye, and is claimed to yield much more per acre than common rye. It is rapidly becoming popular in the South and Southwest generally. Planted from September to January.  $1\frac{1}{2}$  bushels per acre, 56 lbs. per bushel. Pk., 75c; bu. (60 lbs.), \$2.75.

**ROSEN RYE.** In the same season has the reputation of yielding ten bushels more and sometimes fifteen bushels more to the acre. Planted from September to January.  $1\frac{1}{2}$  bushels per acre, 56 lbs. per bushel. Lb., 35c, postpaid.  $\frac{1}{2}$  bu., \$2.25; bu., \$4.00, not prepaid.

## Oats

**RED RUSTPROOF.** Very early; is rust-proof; does well on thin ground and does not lodge; will bear neglect or a bad season and still make a good crop. We offer only the genuine Red Rust-proof. Bu., \$1.25; sack lots, 5 bu., \$1.00 per bu.

**FULGHUM OATS.** A strain of the Red Rust-proof Oats grown more especially for its earliness, maturing some two weeks ahead of the native strains enables you to have them cut before the native oats mature and reach the market. Fulghum Oats make excellent winter pasture, as they have a heavy hay and do not winter-kill readily. It is remarkably rust-resistant and hardy. Bu., \$1.50; 5 bu. lots, \$1.25 per bu.

**EARLY WINTER TURF OATS.** Stool more than any other variety; can be pastured the whole winter and are as hardy as wheat. Claimed to produce more and heavier grain than other varieties.  $2\frac{1}{2}$  bushels per acre, 22 lbs. per bushel. Bu., \$1.50; 5 bu. lots, \$1.25 per bu.

**GORMAN'S 100 BUSHEL OATS.** This Oat is one of the greatest producers for spring or fall planting, and will positively not rust. Our stock is limited, and we offer same at \$1.50 in bu. lots. In sack lots of 5 bu., at \$1.25 per bu., f. o. b. Birmingham.

## Rape

**DWARF ESSEX.** A splendid winter forage plant. This is sown broadcast and furnishes a rich, nutritious winter pasture; can be grazed six weeks after planted. 20 lbs. per acre. Lb., 25c, postpaid. 10 lbs., \$2.00; bu. (50 lbs.), \$7.50; 100 lbs., \$14.00, not prepaid. Write for quantity prices.

# Field or Cow Peas

Every farmer is interested in growing crops that will keep his farm in the highest state of fertility, and as Cow Peas have long been recognized as the great soil builder, he can make no mistake in planting them. A crop of Cow Peas will enrich your fields and at the same time furnish the best of pasture or hay for your stock. They will build up worn-out or thin lands quicker than clover and will thrive wherever clover will grow. A common and excellent idea is to sow Cow Peas between the rows of corn at the last cultivation. We offer the best varieties for all purposes.

**CALIFORNIA BLACK EYE.** An extremely early sort, maturing peas in six to eight weeks. The pea is large, kidney-shaped, has a distinct black eye. It may be called a bunch variety, as it does not put out any long runners except when planted in corn. When planted in the open it does not make any runners, to amount to anything. It is very productive, yielding from ten to twenty bushels of peas to the acre. Two crops can always be made, and if seasons are favorable, three crops can be taken off the same land in one season, provided the first crop is planted in early April. In quality it surpasses them all. Pt., 10c; qt., 30c; pk., \$1.00; bu., \$4.00. By mail, postpaid, pt. 20c; qt., 35c.

**UNKNOWN or WONDERFUL.** A very vigorous, rank-growing variety, valuable for hay. Pt., 10c; qt., 15c.

**CLAY PEA.** The old standard variety. Pt., 10c; qt., 15c; pk., \$1.25.

**WHIPPOORWILL.** The old standard popular bunch sort; very early. Pt., 10c; qt., 15c; pk., \$1.25.

**MIXED PEAS.** For sowing for hay, pastures or fertilizing, these are just as good as any. They are more easily obtained and always cheaper. Pt., 10c; qt., 15c; pk., \$1.25.

**WHITE CROWDER.** The most popular sort for table use. Pt., 10c; qt., 15c; pk., \$1.50.



## Gorman's **HIGH GRADE** Grass and Hay Mixtures

**GORMAN'S EVERGREEN PASTURE GRASS.** Is the best grass combination you can buy; is thoroughly recleaned and new seed of high germination. It builds up the soil while growing a big paying hay crop and will adapt itself to meet all kinds of soil; but to obtain best results the soil should be put in first class condition before seeds are sown. **Lb., 35c.**

**BERMUDA GRASS.** Bermuda Grass is the foundation of the best permanent lawns and pastures in the South. It is a persistent grower and will spread, forming a thick mat-like turf on the poorest, sandiest soil. On rich and fairly moist, clayey soils it grows large enough to be cut for hay, the quality of which is excellent. It is also used for the purpose of holding embankments, creek banks and places exposed to wash during heavy rains. The ground should be well prepared, as the seeds are small and should be covered very lightly with a roller or bush harrow to a depth of not more than half an inch. **Small quantities, 40c per lb., postpaid.**

**KENTUCKY BLUE GRASS.** Blue grass pastures afford the richest and most nutritious feed the year around, except when under snow. And is also the most desirable lawn grass, especially when used in connection with white clover. Kentucky Blue Grass is hardy, will withstand the coldest weather, and the tramping of hoofs does not hurt it, as the roots are thick and stout and form a tough sod. **In quantity lots, 40c per lb.**

**ORCHARD GRASS.** A very vigorous grower, and yields large crops of excellent and nutritious hay, as well as having a special value as a pasture grass, furnishing good grazing from

early spring till winter. It responds quickly after cutting or grazing. The roots extend to a great depth; it will stand drought better than most other grasses and is very hardy. It grows in tufts and is therefore best sown with other grasses. It is well suited for shady places, such as orchards and groves. Grows on all kinds of land, but does best on deep, rich, sandy loam or clay soils. We have a fine lot of new seed and while the crop was short we can make very attractive prices, due to our early purchases. **Write for prices.**

**RED TOP or HERD'S GRASS.** Red Top is especially adapted to growing on wet soil, having an impervious sub-soil. The value of Red Top as a feed is not appreciated by a great many who have never given it a trial. It is one of the very best grasses for pasture, springing up very early and quickly in the spring, continuing its sturdy growth throughout the summer and autumn, even resisting the severest droughts. It does better on wet clay soils than on those which are sandy, and has little value for dry uplands. It is one of the best kinds for creek banks, the margins of swamps, overflow lands and similar places where Bermuda Grass, Blue Grass and other upland kinds can not be grown. Seed may be sown in either fall or spring, at the rate of 6 to 10 pounds of recleaned per acre. **5- and 10-lb. lots, 30c per lb.**

**JOHNSON GRASS.** Johnson Grass makes a heavy yield of excellent hay and gives good grazing for one or two seasons. It makes its best growth on heavy soils, black prairie lands, clay soils rich in lime. The hay made from Johnson grass is of excellent quality if cut before the seeds are formed. **Write for prices.**





## Gorman's Selected Evergreen Lawn Grass Seed

Every home should have a well-kept lawn as it adds distinction and beauty to the small as well as the large estate. This is a great problem, and our Mr. Gorman has made a careful study of the difficulties met with in making a pretty and permanent lawn, and after many years of effort and experiment he now has a perfectly balanced mixture of American and European grasses which do best in our climate—only the finest grades are used as to both purity and germination. His mixture is entirely of the highest grade and most suitable grasses for making a lawn as respects color, texture and permanency.

### GORMAN'S EVERGREEN LAWN MIXTURE.

This is a mixture of grasses especially adapted to lawn making and contains, in just the right proportions, a variety of fine-bladed grasses which are at their best at different months of the year. The combination of upright grasses, which give a heavy turf, and the creeping grasses which bind the soil, produce a firm, deep-green, permanent lawn which is ideal for the tennis court and golf links as well as the lawn. Kentucky blue grass forms the basis of this mixture. One pound sows 400 square feet, 40 to 50 pounds per acre. 35c per lb., not postpaid.

**SHADY LAWN MIXTURE.** A special mixture of grasses adapted to growing under shady trees and in shady places where it is difficult to get other grasses to grow. One lb. sows 400 square feet, 40 to 50 lbs. per acre. 50c per lb., postpaid. Write for prices in larger quantities.

**SUNNY LAWN MIXTURE.** A special mixture composed of grasses that are adapted to terraces or embankments, producing a quick, velvety, permanent, green turf. 50c per lb., postpaid. Write for prices in larger quantities.

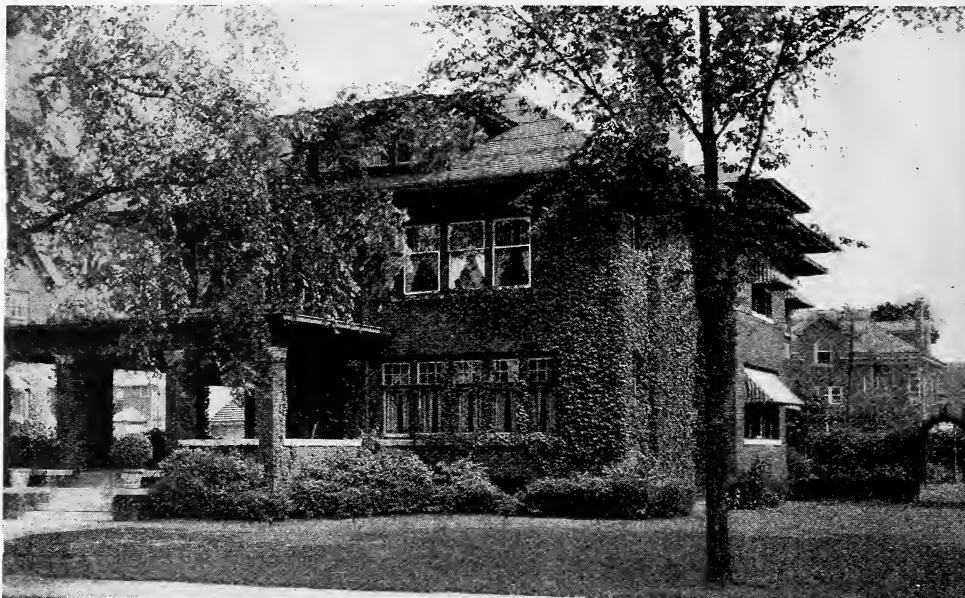
**FANCY KENTUCKY BLUE GRASS.** There is absolutely no grass better for lawns than Fancy Kentucky Blue Grass. It comes early and stays late in the fall. 50c per lb., postpaid. Write for prices in larger quantities.

**WHITE CLOVER FOR LAWNS.** This is very largely used when starting a lawn. It makes a small, close, compact growth, covering the ground like a carpet. 50c per lb., postpaid. Write for prices in larger quantities.

### To Make a Lawn

From August 15th till October 15th—the earlier the better—is the best season to sow lawn grass. Sown at this time, the grass gets well established before freezing weather, makes a beautiful green lawn through the winter, and before hot weather comes is strong enough to withstand the heat of summer and combat the weeds. Remember, when making a lawn, that it is to last for years, and is to be an ornament to the home, so give plenty of time and care to preparation before the seeds are sown. Several weeks before sowing, dig the soil deeply, break up the lumps, apply lawn enricher or sheep manure. Sow half the seeds, then sow the other half at right angles to the first sowing—this gives an even distribution.





## Gorman's High Grade Roofings

Don't buy inferior Roofing. Send your order to us for GORMAN'S HIGHEST GRADE SLATE COAT ASPHALT ROOFING; Red or Green, \$2.65 per roll.

Also—

### GORMAN'S UNIVERSAL ASPHALT ROOFING.

Gorman's Highest Grade Slate Roofing will weigh around 90 lbs. to the square, and Gorman's Universal Asphalt Roofing comes in one ply, two ply and three ply, and has no sand on it. There is positively no better roofing made for the money. It is waterproof, weather-proof and always pliable. Never hard nor brittle; will stand any climate.

We send with each roll sufficient large head nails, also cement for laps, and full directions for putting on each roll.

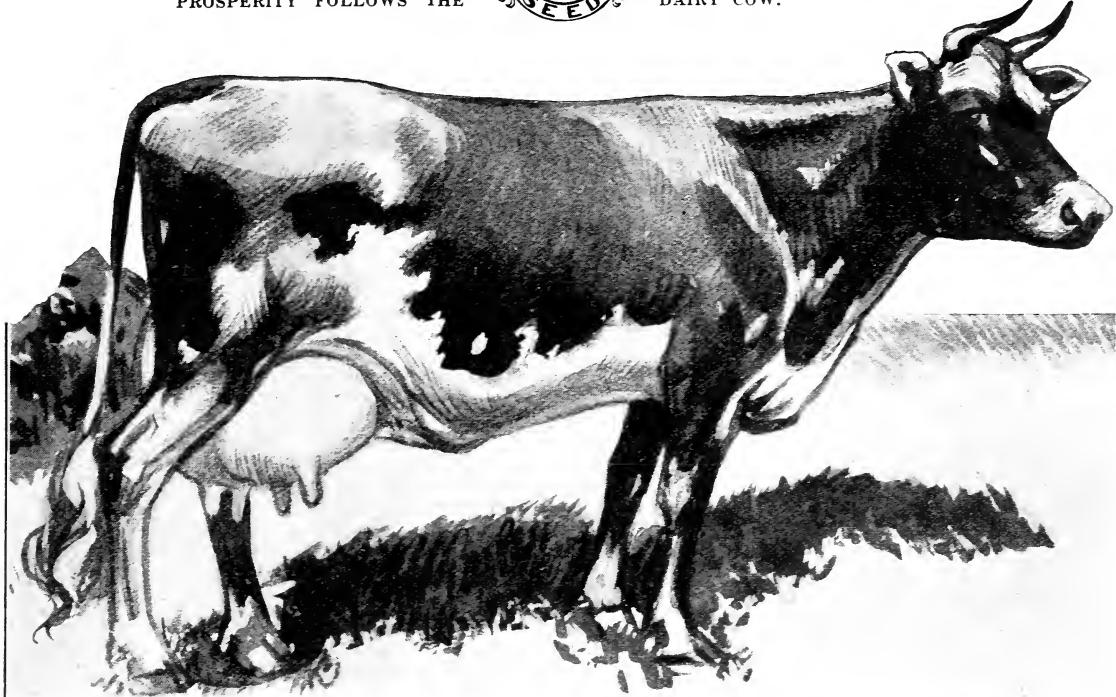
Your house will surely look pretty covered with our Slate Roofing, two colors, Red and Green. We buy in carload lots and retail to you at wholesale prices, thus giving you the advantage of the big saving. We can make shipment the day we receive your order.

1-ply, \$1.35

2-ply, \$1.75

3-ply, \$2.10

All prices f. o. b. Birmingham. Write for samples.

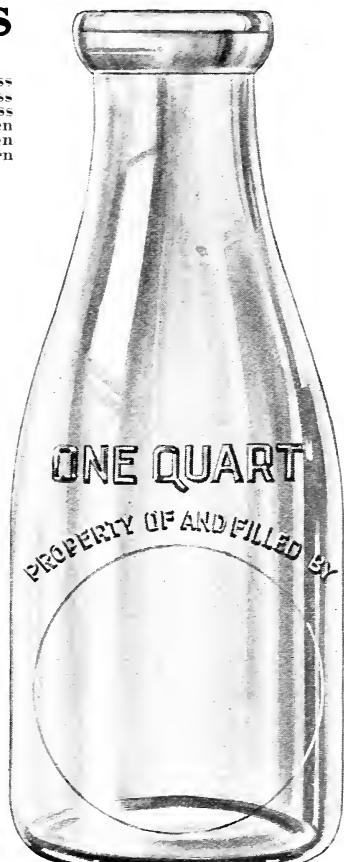
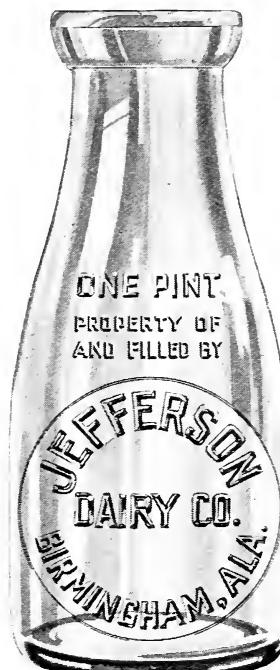


## MILK BOTTLES

F. O. B. Birmingham.

Quarts .....	\$10.50 per gross
Pints .....	8.00 per gross
½-Pints .....	6.50 per gross
Quarts .....	1.00 per dozen
Pints .....	.80 per dozen
½-Pints .....	.70 per dozen

Write for quantity prices.





# R. & A. Bottle Fillers and Cappers



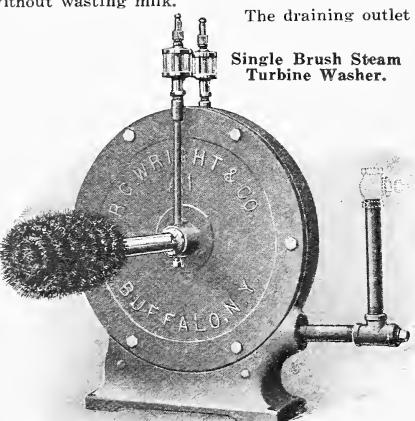
R. & A. 4-Quart  
and 5-Pint Filler.

## R. & A. 4-Quart and 5-Pint Filler Style No. One.

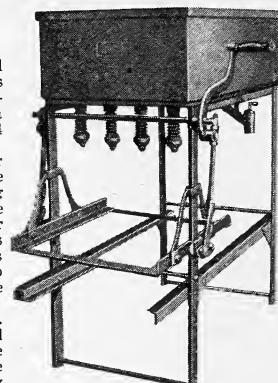
This 40 gallon sanitary copper tank filler has a well-braced frame. It is a two end machine; one end for quarts, the other for pints. It fills either four quart or five pint bottles at one time, being designed for 3x4 quart and 4x3 pint cases. With an operating lever at each end, it can be operated by either one or two men. When one man operates it, he generally fills the quart cases first. The machine is operated with our patented labor-saving, crank-lifting device, which locks the bottles in filling position, enabling the operator to divert his attention from the case being filled and get the next case of empty bottles.

The valve is the celebrated R. & A. Filler Valve which fills the bottles without wasting milk.

The draining outlet can also be used for filling cans. Write for prices.



Single Brush Steam  
Turbine Washer.



## R. & A. 4-Bottle Filler No. 164

This filler has a steel frame, well braced, sanitary rounded corners and a copper tank. It is hand operated and fills four bottles at a time. Made for 3x4 quart and 4x4 pint cases.

The filler is equipped with our labor-saving crank-lifting device which locks the bottles in a filling position the moment the valves are opened, thus allowing the operator who does the filling to get the cases of empty bottles. As the bottles are lifted they are straightened up in correct position to receive the valves.

The valve is the well known R. & A. Valve that fills each bottle full without over-filling or waste. The valve is made of special bronze castings, carefully and accurately machined. It can be taken apart for cleaning in a few seconds and can be assembled as quickly as it is taken down. The draining outlet can also be used for filling cans.

Write for Prices.



R. & A. Single Valve Filler.

## R. & A. Single Valve Filler

This little filler is just the thing for putting up a small quantity of milk or cream. Three hundred bottles can be filled easily per hour.

The tank is made of tin or copper and has a capacity of four gallons. The bottom is rounded so that when not in use it can be placed in the top of an open milk can and not overturned. We use heavy full round sanitary handles made of pressed steel, carefully riveted and soldered to the tank. Price, \$16.50, f. o. b. Birmingham.

## R. & A. Single Capper

This R. & A. Single Capper is a necessity for the sanitary sealing of milk bottles.

It does nice, smooth work; it is easy operating; never skips a cap; is adjustable for any kind of cap and like other R. & A. machines is built to stand up under hard usage. When ordering be sure to mention kind of cap. Unless otherwise specified machine will be made for Standard No. 2 caps. Price, \$45.00 f. o. b. Birmingham.



Single Capper.

## Single Brush Steam Turbine Washer

This Steam Turbine we know is as good as the best, as we have constructed it in the most approved manner, and used the very best of material. The steam wheel is carefully balanced; the shaft runs in two heavy bronze boxes. Equipped with our Improved Brush Holder.  
Single Brush, Dope Cups ..... \$25.00  
Double Brush, Dope Cups ..... 28.00



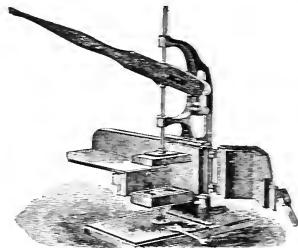
A BOTTLE OF MILK

IS A BOTTLE OF HEALTH.

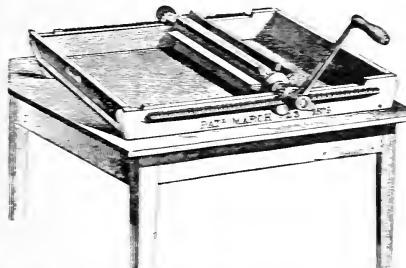
# REID'S Self-Gauging Butter Printer

Reid's Self-Gauging Butter Printer not only prints very neatly and quickly, but also gauges the butter into pounds or half-pounds. The Printer consists of a baseboard,  $7 \times 1\frac{1}{4}$  inches, to which is bolted an upright iron frame, 20 inches high, and to this is secured the box and hopper by slots and thumb screws; also the lever and plunger rod. The print block (which constitutes the bottom of the box) has a broad handle, and rests upon the base-board. The weight is regulated by the screw on the print stem and the stop on plunger rod, in connection with the escape hole in the side of the box. This Printer is the most popular of its kind on the market.

**Useful Hint.** Regular size of half-pound print,  $3\frac{1}{2}$  inches long by  $2\frac{1}{4}$  inches wide by  $1\frac{1}{4}$  inches thick. Regular size of one-pound print,  $4\frac{1}{2}$  inches long by  $2\frac{1}{4}$  inches wide by  $1\frac{1}{4}$  inches high. Regular size of two-pound print, 6 inches long by  $3\frac{1}{4}$  inches wide by 3 inches high. Special sizes can be made to order. We advise the use of name or initials on the print block to prevent imitation. A special brand commands a higher price in the market. The name, initial or monogram of the maker becomes a proprietary trade-mark. Write for prices.



# REID'S Patent Butter Worker



Probably there is no work that a farmer's wife has to perform that so endangers the health as that of the dairy or spring house. Any invention, therefore, that will lessen the labor and shorten the time that she is thus employed, is certainly worthy of consideration.

In presenting our Butter Worker to the public we think we supply a long-felt need in this respect. It is a machine that is very efficient in its work, simple in its construction, and convenient to handle. It will work a batch of butter in from three to five minutes, according to the condition of the butter, working out the buttermilk, and thoroughly mixing in the salt, doing the work far quicker and better than it can be done by hand. It consists of a tray and a roller with

paddles, which is turned by a crank, and traverses from end to end of tray. It acts on the butter on precisely the same principle as a ladle in the hands of a person, but with perfect uniformity and without injuring the grain.

The machines are all built of the best material: the iron part is galvanized, preventing rust.

Our Butter Workers have become a standard dairy fixture; they have gone into almost every butter producing district in the United States, and large numbers have been exported. Through the many years they have been in use we have yet to hear of any complaint, and our experience has enabled us to make much improvement, both in the selection of material and in their construction.

#### STOCK SIZES

No. 1. Size,  $23 \times 36$  inches,  $2\frac{1}{2}$  inches deep, inside. Capacity, 50 lbs. Weight, 45 lbs.  
 No. 2. Size,  $20 \times 36$  inches,  $2\frac{1}{2}$  inches deep, inside. Capacity, 80 lbs. Weight, 59 lbs.  
 No. 3. Size,  $17 \times 27$  inches,  $2\frac{1}{2}$  inches deep, inside. Capacity, 20 lbs. Weight, 25 lbs.  
 No. 4. Size,  $14 \times 23$  inches,  $2\frac{1}{2}$  inches deep, inside. Capacity, 10 lbs. Weight, 20 lbs.

We also manufacture larger sizes, specially designed for mixing, re-working and coloring, or for creamery use.

No. 0. Size,  $23 \times 37$  inches, 3 inches deep, inside. Capacity, 75 lbs. Weight, 60 lbs.  
 No. 00. Size,  $23 \times 58$  inches, 3 inches deep, inside. Capacity, 112 lbs. Weight, 80 lbs.  
 No. 000. Size,  $23 \times 72$  inches, 3 inches deep, inside. Capacity, 150 lbs. Weight, 100 lbs.

When desired, we can send legs along with any size machine, which can be set up after arrival at destination. Extra charge for these. Write for prices.



A BOTTLE OF MILK

IS A BOTTLE OF HEALTH.

# MILK BOTTLE CAPS

Let us take care of your requirements on milk bottle caps. Our prices are reasonable, we can assure you of quick service and the very highest quality.

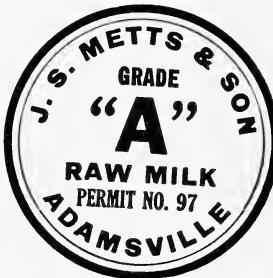
**STOCK PRINTED CAPS.** We always carry a large supply of stock caps in standard designs printed red or blue. We can ship immediately on receipt of your order. Stock caps are furnished in lots of 1, 5, 10 and 50 thousand packed in tubes or bulk. The following illustrations are standard stock designs.



When you need caps let us quote you prices.



**SPECIAL PRINTED CAPS.** A neatly printed cap with the dairyman's name adds an advertising value to his product. Our factory ships special printed orders within 3 or 4 days after the order reaches them. Shipments are made direct to the dairyman to insure promptness in delivery. The following illustrations are special designs and may offer suggestions as to the manner in which you would like your caps made up.



Special printed caps are furnished in 10, 25 and 50 thousand lots and come packed in strong dust-proof wood cases. Always specify whether you want caps in bulk or tubes. Bulk caps, 28c per lb., in tubes, 30c, F. O. B., Birmingham.

A BOTTLE OF MILK IS

A BOTTLE OF HEALTH.



## Cow Comfort

Your dairy barn or farm factory, like any great city factory, is engaged in converting raw material into a finished product—milk. Your profits depend upon how well you can insure maximum production at lowest cost.

Cow comfort, cow cleanliness, and protection are very important. But one of your biggest expenses, and one of your biggest problems is labor. Nothing can answer this problem so quickly and keep down the cost as well as Jamesway Labor Saving Equipment.

Jamesway Equipment will cut your labor cost in half. Needless steps, needless jobs, and needless expenses are eliminated. Work in the barn is made more pleasant and more profitable, with the best barn equipment made in America. The Jamesway has been the standard by which all others were judged for the past seventeen years.

## The Jamesway For Hogs

Jamesway Sunny Hog Barns and Jamesway Steel Equipment mean comfort and safety for hogs. Better hogs, bigger litters, bigger profits. Less labor, less expense.

## The Jamesway for Poultry

Jamesway engineers have put poultry raising on a feed-saving, labor-saving, profit-making basis. Jamesway mash feeders, waterers, lice-proof, self-cleaning, all-metal nests, sprayers, brooder stoves, and chick equipment mark a new era in poultry raising.

## Get the Best

Make your farm a Jamesway farm from start to finish. Whatever your needs—in dairy barn, horse barn, hog barn, or poultry house equipment—ask us for Jamesway prices. If building or remodelling, let us give you the benefit of this company's seventeen years' of experience in planning, designing and equipping the most successful barns in this country.



**Plan Service**  
A National Clearing  
House of barn ideas.  
Let us help you plan.



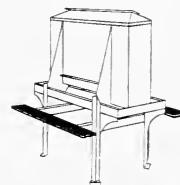
**Cleaning Barns**  
Let Jamesway Car-  
riers do the work.



**Feeding**  
Saves much walking,  
work and time.



**Ventilation**  
Jamesway System  
takes the foul air out.  
Write for catalog.



**Poultry Equipment**  
Send for Jamesway  
Poultry book.





### Milk Cans

Finest charcoal plate. Seamless cover and neck. Bottom re-enforced with steel band. Heavy steel bail. Sanitary soldered. Full capacity.

#### 1X SIDES, 1XX BOTTOM.

Stock No.	Price	Quarts	Height	Top	Bottom	Weight
P2301	\$0.80	1	5 1/2	3 3/4	4 1/4	13
P2302	1.00	2	7	3 3/4	5 1/8	19

#### 1XX SIDES, 1XXX BOTTOM.

Stock No.	Price	Quarts	Height	Top	Bottom	Weight
P2304	\$1.25	4	9	4 1/4	6 7/8	33
P2306	\$1.50	6	10 1/2	5 1/4	7 1/4	35

#### 1XXX SIDES, 1XXXX BOTTOM.

Stock No.	Price	Quarts	Height	Top	Bottom	Weight
P2308	\$1.75	8	11 1/4	5 3/4	8 1/2	42
P2310	\$1.85	10	12	6 1/8	9	52

Measurements do not include covers.



### Milk Strainers

Extra heavy: seamless. Heavy wire around top; sanitary soldered. Equipped with a circular piece of perforated tin, and a wire spring to hold both in position. Cotton pads for use between wire cloth and perforated tin are furnished at an extra charge, and sold only in quantities of 25, 100 and 1,000. Bowl extra large capacity.

Stock No.	Price	Quarts	Height	Top	Bottom	Weight
P19412	12		8 1/2	12 1/8	5 1/8	33

### Dairy Strainer Pails

Coppered bail. Natural finish bail wood. Re-enforced ears. Handle near bottom to use when pouring from pail.

#### ROUND STRAINER ON BREAST.

With extra ring for holding cloth.

#### 1XX CHARCOAL PLATE.

Stock No.	Quarts	Height	Top	Bottom	Weight
P13210	10	9 1/2	11	8 1/2	40
P13212	12	9 7/8	12	8 1/2	42
P13214	14	9 7/8	12 1/8	9	46



### Steel Clad Sanitary Dairy Pails

#### STRAIGHT PATTERN.

Heavy steel bail. Sanitary soldered inside and outside.

#### 1XX HEAVY CHARCOAL PLATE.

Four rivet re-enforced ears.

Stock No.	Price	Quarts	Height	Top	Bottom	Weight
P7210	\$2.00	10	9 1/4	10 1/4	8 1/4	36
P7212	2.25	12	9 3/4	11 1/4	9 1/8	40
P7214	2.35	14	10 3/8	11 1/4	9 1/2	44
P7216		16	11	12 1/4	10	48

#### 1XXXX BEST QUALITY 5A CHARCOAL PLATE.

Stock No.	Quarts	Height	Top	Bottom	Weight
P7412	12	9 3/2	11 1/4	9 1/8	44
P7414	14	10 1/8	11 1/4	9 1/2	48
P7416	16	11	12 1/4	10	52

#### 1XXXX EXTRA HEAVY CHARCOAL PLATE.

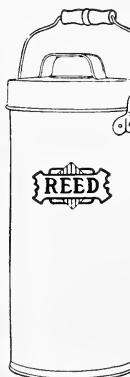
Stock No.	Quarts	Height	Top	Bottom	Weight
P9420S	20	12 1/4	13	10	66

### Seamless Dairy Pails

Heavily retinned. No rivets. No seams. Sanitary. Heavy steel band or foot welded to bottom of pail. Welded, rivetless ears. Heavy steel bail.

#### 1XXXXX

Stock No.	Quarts	Height	Top	Bottom	Weight
P7514	14	10 1/8	12	9 1/2	51



### Setter or Cream Cans

Heavy, seamless outside cover. Heavy ears. Coppered bail. Natural finish bail wood.

#### 1X CHARCOAL PLATE.

Cover without handle.

Stock No.	Qts.	Ht.	Dia.	Wt.
P1614	14	13	8 1/2	31
		Price	\$1.50	
P1620	20	19	8 1/2	40
		Price,	\$1.75	

#### 1XX CHARCOAL PLATE.

Cover with handle.

Stock No.	Qts.	Ht.	Dia.	Wt.
P16214	14	13	8 1/2	42
		Price	\$1.60	
P16220	20	19	8 1/2	52
		Price,	\$1.85	

Measurements do not include covers.

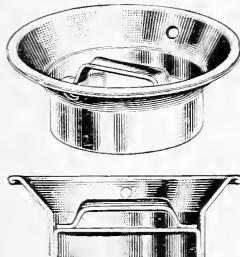
# Long Life is Built Into These Fine Cans



"Ohio"

Capacity	Average Weight	Neck Size	Price
5 gal.	12½ lbs.	6½ in.	\$3.25
10 gal.	23¼ lbs.	6½ in.	\$4.35

## Seamless Sanitary Covers



A popular style of cover in which the inside space acts as a cushion for milk and cream when cans are extra full. This strong cover is made of one piece of seamless steel, and has a heavy gauge steel handle.

Catalog No.	Average Weight	Neck Size	Price
2	1 lb. 8 oz.	6½-in.	\$0.90



"Jersey"

Price	Capacity	Average Weight	Neck Size
\$3.75	5 gal.	12 lbs.	6½ in.
\$5.00	10 gal.	17¼ lbs.	6½ in.



## Stirrers

The rods on these stirrers are flanged out and electrically welded so that the discs cannot break away, loosen or twist around. They are perforated with fourteen half-inch holes.

Diameter	Length	Average Weight	Price
5½ in.	25 in.	14 oz.	\$0.50

## Write Us for Prices on

Dairy Stools  
 Dietz Dairy Lanterns  
 Crystal Diamond Butter Salt  
 Stall Tie Chains  
 Ear Tags

Foot-rot Remedies  
 Milk Records  
 Keystone Calf Feeders  
 Anti-Suckers

In fact everything which will be useful to you in the prosecution of your dairy work.



A BOTTLE OF MILK IS A

BOTTLE OF HEALTH.

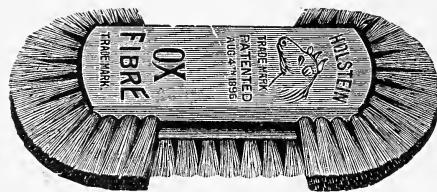
## Brushes and Brooms for Dairy Uses

We specialize on Brushes and Brooms. We carry only the best grades and always keep on hand a large assortment of fresh stock of all kinds of hand and machine brushes.

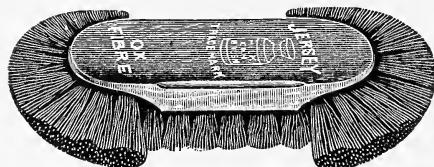
### Can Brushes



Gong Brush, 45 cents.



Holstein Brush, 50 cents.



Jersey Brush, 50 cents.

### Bottle Brush



No. 86. A pure bristle Brush; small diameter; suitable for all-sized bottles; long handle for hand washing. (See above). Each, 50 cents.

### Machine Brush



No. 66. Grey Hair, brush part 3 inches diameter;  $\frac{5}{8}$ -inch diameter hickory handle, 5 inches long, tapered. Each, 50 cents.

### Spout Brush

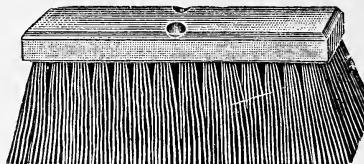


No. 49. Separator spout brush, for DeLaval, Sharples, Champion, Standard, and Economy Separators. Gray bristle; brush part 2 inches diameter, 5 inches long; length over all 13 inches. Each, 35 cents; \$1.50 per dozen.

### Babcock Test Bottle Brush

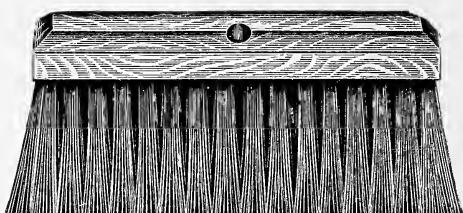
Each, 20 cents.

### Heavy Coarse Wire Push Broom



An excellent Broom for cleaning wood and concrete floors. \$1.25 each.

### Fiber Push Broom



No. 19. Factory broom; stock of best quality, corn and Japanese fibre mixed. Has nailed steel head, cannot work loose on handle. A good, long sweeper. \$1.25 each.

### "Edlund" Detachable Head Broom



The "Edlund" Broom consists of a handle to which is attached a Metal Holder, and a Removable Broom part or Head. This is an ideal Dairy Broom, also used for sweeping barns or stables. They are light and of a convenient shape. The waste caused by throwing away the handle on the present style of broom, when the fibre is worn down, is entirely eliminated in our broom. With good care a handle will last a lifetime. There are so many variations on this broom that we would prefer to have you write for prices.

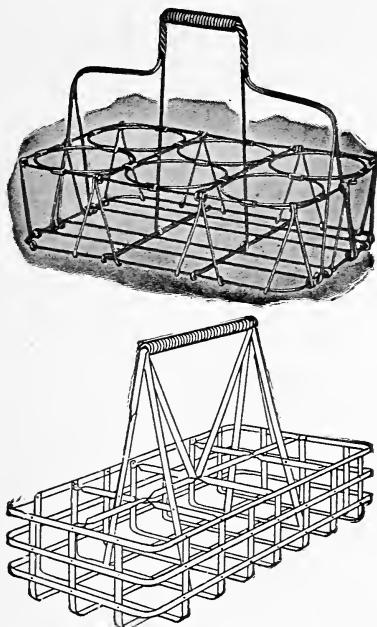
Write for Our  
Poultry Supply  
Catalog

Free on Request



A BOTTLE OF MILK IS A

## Bottle Delivery Baskets



## Heavy Retinned Band Steel.

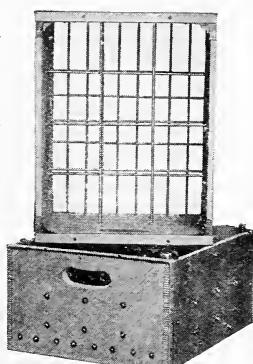
Size	Wire	Band Steel
6-qt.	\$1.10	\$1.50
6-pt.	1.10	1.75
8-qt.	1.35	2.00
4-qt., 2-pt.	1.50	
4-qt., 4-pt.	1.50	
12-pt.	2.00	

## Besco-Milk and Cream Bottle Wood Cases

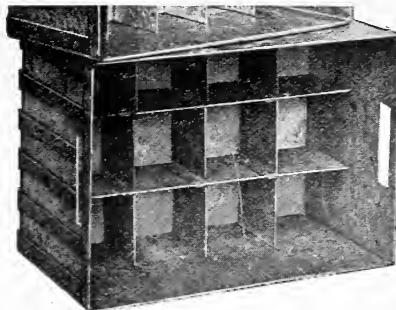
The real value of a first-class bottle case is found in its strength. The Besco Bottle Case is strong. The top nesting corners are galvanized steel, and riveted, which make it next to impossible to knock them off without destroying the case. The bottom corners are protected with steel angle irons, which gives additional strength.

They are made of well-seasoned, tenacious wood, ends and sides of one piece, dove-tailed and glued with water-proof glue. Round galvanized steel rods are used for the divisions; both ends of the rods are riveted over counter-sunk burrs, which make the exterior of the case free from projections. With your name pressed into them, it is possible to make a moving bill-board. Piled at your customers' doors in the district where you want your name popular, they have a real advertising value, and boost your sales.

Made in quart, pint, and half-pint sizes:—2x6, 3x4 and 4x5, plain or iron bound. Write for prices.



BOTTLE OF HEALTH.

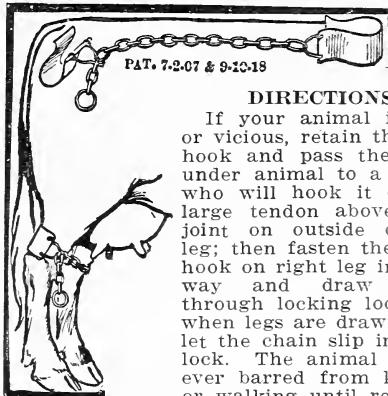


## Galvanized Steel Delivery Cases

This is one of the most convenient and serviceable cases, made to use without rack in the wagon. Water-tight, with removable iron partitions, arranged so that one stacks on the other. The pint cases fit on the quart cases, and vice versa. Can be used in any wagon without special arrangement. These cases are made of extra-heavy galvanized steel and will not rust. They are built to last and will give years of excellent service. They are light and easily handled.

20-pt. case, 4x5	.....	\$8.25
12-qt. case, 3x4	.....	3.25
24-half-pint case, 6x4	.....	3.50

## Anti-Cow-Kicker



## DIRECTIONS

If your animal is wild or vicious, retain the lock hook and pass the other under animal to a helper who will hook it on the large tendon above hock joint on outside of left leg; then fasten the other hook on right leg in same way and draw chain through locking loop and when legs are drawn close let the chain slip into the lock. The animal is forever barred from kicking or walking until released.

If you wish to trap the tail include it under one of the hooks.

To remove—unless drawn very tight, a hook can be crowded off without loosening. In most cases it is not necessary to draw the chain tight; it will do the work put on quite loosely.

When the hooks are once on, there is very little danger, step behind the animal, and draw the chain through the locking device with the right hand, while the left hand keeps the hook in place, and the thumb keeps the locking device forward.

The Anti-Kow-Kicker is constructed entirely of steel and has no flimsy parts to come loose, break or bend. Price, each, \$1.25, f. o. b. Birmingham.

## The Ideal Automatic Milk Scale for Dairymen

Has two pointers. By hanging the pail on the scale, empty, and setting the red pointer at 0, the exact net weight of the full pail may be read without stopping to figure it. Suitable for dairy farmers, milk and cream buyers.

30 lbs. by 1/10 lbs.	.....	\$6.50
60 lbs. by 1/20 lbs.	.....	6.50



A BOTTLE OF MILK

IS A BOTTLE OF HEALTH.



**THE GIANT BOOTEES**, a sturdy bootee for all kinds of outdoor work. White with a black sole, a particularly popular number.

Price, \$4.50 per pair.

## For Rugged, Honest Wear

Built to withstand the most severe tests, the "U. S." line of rubber goods is the product of long experience and expert workmanship. Footwear, aprons, raincoats—all articles made of rubber are included in the line. Look for the "U. S." seal, the honor mark of the oldest rubber organization in the world.



One of the attractive "U. S." rubber work aprons. All styles and colors can be obtained, with or without trimming.

Price, plain heavy rubber, \$1.75. Postage extra.



**Write for Catalog on Sprayers and Spraying Material**

## Pilling "Easy to Use" Cattle Instruments



### THE PILLING MILK FEVER OUTFIT

For Air Treatment.

AIR TREATMENT HAS CURED 97 PER CENT OF CASES TREATED.

This treatment recommended by the Bureau of Animal Industry, U. S. Government Department of Agriculture.

Sent prepaid, with "Easy to Use" directions, on receipt of \$3.00.

### PILLING TEAT EXPANDER

For hard milking cows; postpaid, with full directions, 50¢.



especially designed, for two purposes; First, to prevent dropping of milk in cows where there is relaxation of the little muscle at the end of the teat and consequent leakage of milk; and secondly, to dilate the canal of the teat above the muscle in cases where hard milking is due to contraction of this part of the canal.

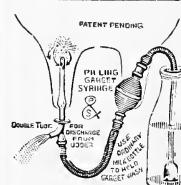
Sent prepaid, with "Easy to Use" directions, on receipt of 50¢ each.



### PILLING HARD RUBBER TEAT PLUG

especially designed, for two purposes; First, to prevent dropping of milk in cows where there is relaxation of the little muscle at the end of the teat and consequent leakage of milk; and secondly, to dilate the canal of the teat above the muscle in cases where hard milking is due to contraction of this part of the canal.

Sent prepaid, with "Easy to Use" directions, on receipt of 50¢ each.



### PILLING GARGET OUTFIT

The proper and successful treatment of garget. Complete outfit including garget remedy. Full directions. Sent prepaid on receipt of \$4.00. "Easy to Use"

### HARD MILKER OUTFIT

The Pilling Hard Milker Outfit is designed to remedy all those obstructions to free milking that annoy the dairyman. Sent prepaid with full directions, "Easy to Use." \$3.00.



### SELF-RETAINING MILKING TUBE

This tube is similar to the preceding, but has, in addition, a projection near flange, making it self-holding.



2 inch, Solid Coin Silver .....	60c. Plated, 40c.
3 inch, Solid Coin Silver .....	70c. Plated, 45c.
4 inch, Solid Coin Silver .....	85c. Plated, 55c.

A BOTTLE OF MILK IS A

BOTTLE OF HEALTH.

**The Improved Friday Butter Printer**

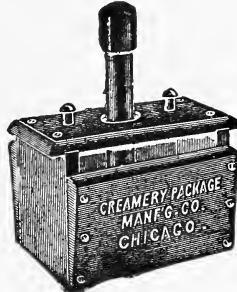
Write for Prices and Full Description.

The regular equipped machines all cut a print  $2\frac{1}{2} \times 2\frac{1}{2} \times 4\frac{1}{8}$  inches. We can equip a machine to cut practically any size desired at a small additional cost and are prepared to furnish cutting frames for  $\frac{1}{4}$  pound,  $\frac{1}{2}$  pound, 2 pounds, or a special Boston flat print. In ordering cutting attachments specify the style of print you want and we will equip the machine accordingly.

**Butter  
Shipping  
Boxes**

Something which every modern dairy should have. Deliver the butter to your customer ready for the table.

Write for  
Latest Price

**Butter Moulds****Ideal Hand Mold**

Hard maple, adjustable with set screws to mold exactly one pound. Block either plain or carved with two sheaves of wheat. Strongly screwed together, easily slipped apart and cleaned.

**One-pound.** With plain or carved block. \$1.50 each.

Weight, 3 lbs. If sent by parcel post, add postage.

**Round Molds**— Each  $1\frac{1}{2}$ -lb. .... \$0.35  
1-lb. .... .45

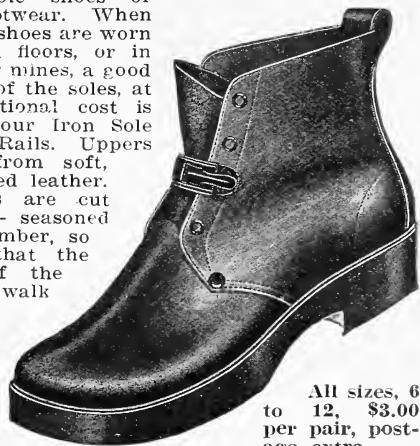
**Square Molds—Rocky Mountain**— Each  $1\frac{1}{2}$ -lb. .... \$0.35  
1-lb. .... .40

**Butter Color**  
**DANDELION BRAND.**

Will not color the buttermilk. Does not turn rancid. Three sizes, 35c, 50c, and \$1.00 per bottle.

**Practical and Quality Wood Sole Shoes**

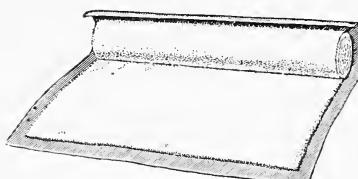
Wood sole shoes are the most practical footwear for those men who are obliged to work in wet or damp places; also in chemical, smelting and refining plants, and in paint shops, because they keep the feet dry and protect them from the effects of acids, chemicals and dampness. Are light, more durable and more economical than leather sole shoes or rubber footwear. When wood sole shoes are worn on cement floors, or in quarries or mines, a good preserver of the soles, at little additional cost is found in our Iron Sole and Heel Rails. Uppers are cut from soft, plump oiled leather. The soles are cut from well-seasoned maple lumber, so shaped that the wearer of the shoes can walk as easily in them as in leather soled shoes.



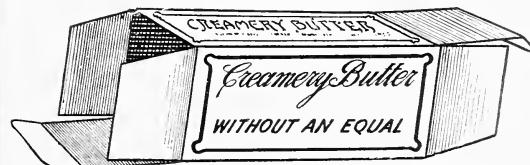
All sizes, 6 to 12, \$3.00 per pair, postage extra.

**Red Cross Filter Cloth**

Is especially woven cloth with the nap raised and is intended to take the place of the ordinary strainer cotton and strainer cloth, as it combines in itself the qualities of both. It is recommended for use in filter-vats, can strainers, etc. 1-lb. rolls, 17 inches wide by 20 feet long, \$1.25 each, postage extra.



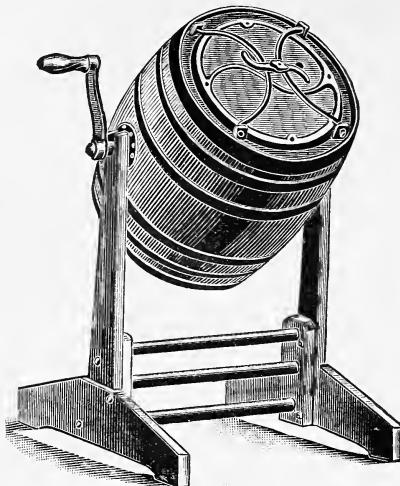
Illustrating the Pound Roll, Wrapped and Unwrapped.

**Butter Cartons**

This carton makes a very attractive package, adding a value to the butter that can be obtained in no other way, besides preserving the shape of the print until used. They are shipped flat, all that is necessary being to tuck the ends in. Can be printed on all four sides and also on the ends, if desired. Samples and prices will be sent on request. State quantity wanted. Constructed of an excellent quality of corrugated board. 15c per doz.; 90c per 100; \$7.50 per 1000, plus postage.

A BOTTLE OF MILK IS A

BOTTLE OF HEALTH.


 THE LITTLE MILK CHURN  
MADE OF SOLID OAK  
WITH A STURDY STAND  
AND A SOLID CRANK  
FOR EASY TURNING

**Sturges Steel Churn**
**The Favorite Churn**

Imitated but not equaled. The barrel is made of well-seasoned, quarter-sawed oak. Capacity of each size is full registered measure. Easy to operate. Easy to keep clean.

No.	Gals.	To Churn	Price
0	6	3	\$ 6.50
1	10	5	7.25
3	20	10	8.50
4	25	13	10.50
5	35	18	12.50
5 1/2	50	25	19.75
6	60	30	23.50
7	75	37	27.50
8	90	45	31.00

**Dazey Glass Churns**


Extra heavy clear glass jar, having smooth-finished top. Steel screw cap, heavily nickel plated. Dasher of thoroughly seasoned white maple. Dash rod plated, making it rust-proof. Frame cast in one piece, finished with two coats of pure aluminum bronze. Natural finished wood handles. Gears carefully adjusted to run smooth and noiseless.

JUST THE CHURN FOR THOSE SELLING THEIR CREAM TO MAKE A POUND OR TWO OF BUTTER FOR THEIR OWN USE.

Nos. .... 10 20 30 40

Capacity,

Pints .... 3 5 7 9

Churn Cap.,

Pints .... 2 3 4 5

Price, each, No. 10, \$1.25;

No. 20, \$1.75; No. 30, \$2.25;

No. 40, \$2.75.

**EXTRA JARS FOR DAZEY GLASS CHURNS.**  
No. 10, 35c; No. 20, 50c; No. 30, 60c; No. 40, 75c.

Not a piece of wood about it; handsomely finished with enamel paint in colors. Inside is heavily tinned, cork-lined cover; malleable iron trunnions. Steel-welded frame, without bolts or rivets. The making of these Steel Churns is an achievement never before accomplished, and promises to result in supplanting the wooden churn, just as steel cars and buildings have taken the place of wooden. A Steel Churn is sanitary; milk cannot soak into steel; there is no place for microbes to lodge; no seams to open up, or hoops to drop off in the sun. Steel makes it long-lived, for with care it will last a lifetime.

Made in three sizes (for family use), five, seven and ten gallons.

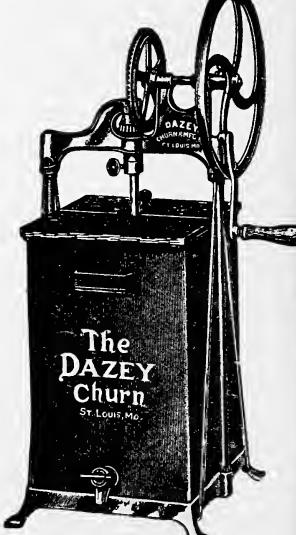
Size No. 1—5-gallon	.....	\$ 7.00
Size No. 2—7-gallon	.....	9.00
Size No. 3—10-gallon	.....	10.00

**A "Dazey" for the Farm**
**IS JUST THE THING**

The "Dazey" Churn, with its dasher designed along the lines of the ocean steamer propeller, gives to the cream a swift, uniform motion that rapidly rolls up the tiny fat globules into grains without beating them to pieces and losing any of the elements that are frequently washed out with the buttermilk. The "Dazey" saves time and butter. The dashers and covers are of seasoned white maple, base of gray iron. The dash rods are heavily tinned in Nos. 1 and 2, and nickel-plated in Nos. 3 and 4. The gears are of heavy cast iron, except in No. 3, in which they are machine-cut and equipped with pulley for power. The receptacles are of heavy tin, triple-plated and well soldered.

**SIZES AND PRICES.**

Nos. ....	2	3	4	6	10
Churning cap., gal.	2	3	4	6	10
Height over all, in.	23	31	47	48	
Weight, crated, lbs.	17	37	100	200	
Each .....	\$3.75	\$4.50	\$6.00	\$7.00	\$12.50



**PRICES SUBJECT TO CHANGE WITHOUT NOTICE.**



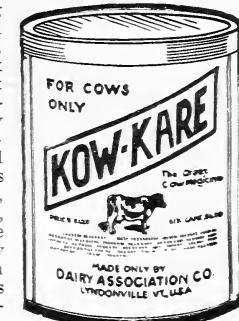
# MORE DOLLARS From DAIRYING

—By Keeping Disease Away



The cows that make the big milk records are well fed and well bred, to be sure. But, above all, they are in the pink of condition. The constant strain of heavy milk production will wear down the vitality of the digestive and genital organs in the best of cows, and the result is such ailments as Abortion, Retained Afterbirth, Barrenness, Scouring, Bunches, and Milk Fever. Any of these diseases can be successfully treated and eliminated with

Kow-Kare, the great cow medicine. The medicinal properties of this famous remedy act directly on the organs of production and reproduction, putting the cow's system back to normal, healthy action. Two sizes, 65c and \$1.25.



## BAG BALM—Great for Udder Troubles

This liberal 60c package of soothing, healing ointment will keep your cows' udders soft, smooth and free from all conditions that make milking unpleasant and reduce the milk yield.

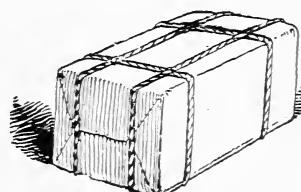
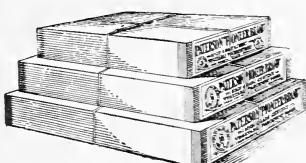
Bag Balm is known and used wherever cows are raised. It is perfect insurance against losses resulting from Caked Bag, Cow Pox, Chapping, Inflammation, Chafing, etc. It penetrates and heals quickly, restoring the injured tissues. Cows give milk freely and in full quantity from healthy udders. One size only, 60c.



# Genuine Paterson Vegetable Parchment

*“Nearest to Perfection”*

**PIONEER BRAND**



**STANDARD SIZES**

**8x11—9x12**

**In Lb. Lots, 40c.**

**1000 Sheet Boxes—5 Pound Packages—\$1.50. Write  
for prices on larger quantities.**

We recommend Paterson Pioneer Brand Vegetable Parchment as a protective wrapper for all moist food products, such as butter, cheese, ice cream, meat, pickles, and celery. It is moisture, grease and air proof, odorless and tasteless.



## Vertical Tubular Boilers With Full Length Tubes Lookout Quality Boilers

Vertical Tubular Boilers with full length tubes as illustrated are the most popular type of Vertical Boilers in use at present.

This type of boiler is self-contained, and does not require any brick or other setting material, as the boiler is ready to operate as soon as pipe connections are made. It is ideal for use where floor space is limited, and maximum power is required with a minimum space for installation.

The uses are varied and of such different natures that it would be impossible to list them. However, they are especially adapted for Creameries, Dairies, Laundries and small steam plants.

**Material:** All material used in the construction of Lookout Boilers is manufactured in accordance with the A. S. M. E. Code, and the plates are stamped with the name of the maker, brand and tensile strength, located so it may be seen. The Tubes are standard gauges and of the best quality lap welded mild steel. Seamless steel or Charcoal Iron Tubes can be furnished if desired at an additional price.

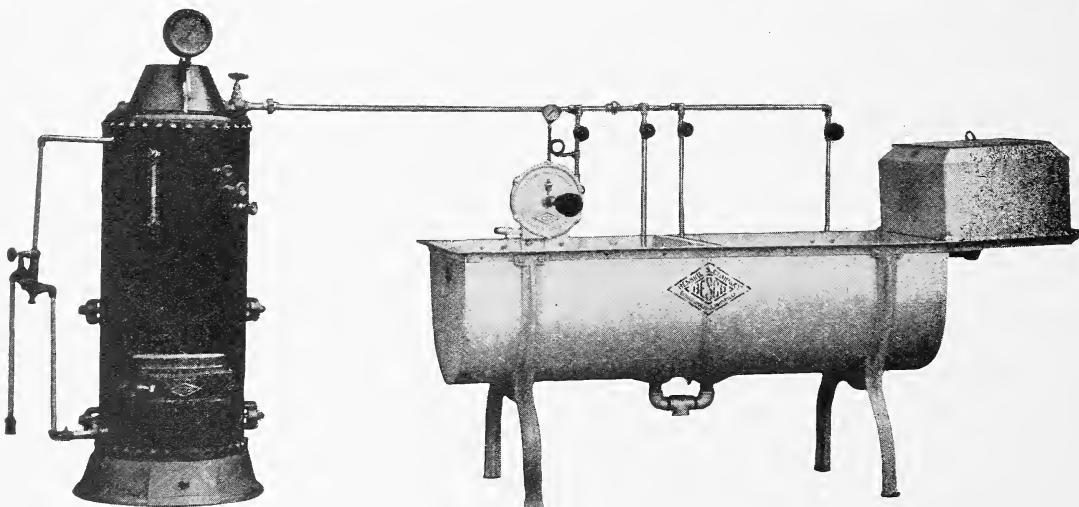
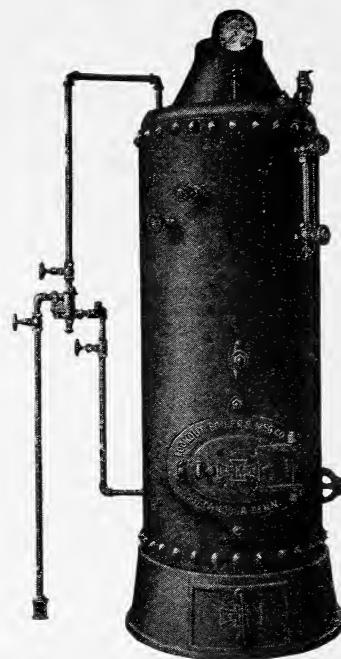
These boilers are built for a safe working pressure of 100 pounds, and tested to 150 pounds hydrostatic pressure and made tight under said pressure before leaving shop. The workmanship is of the best, in accordance with standard boiler practice, and as produced by experienced skilled mechanics, and is of the same high Lookout quality given in the manufacturing of all their boilers.

**Safety Plug:** To protect the boiler against low water damage, every Lookout Boiler has inserted, in a tube at the lowest water line, a fusible or "soft" plug, filled with Banca tin, which will melt out should the water get below a safe water level. This plug can be replaced through a hand-hole opening in shell opposite the plug.

**Fire Door Opening:** Is formed by flanging firebox plate outwardly and the shell plate inwardly, to a butt joint, then welding the joint by the autogenous process. This method absolutely eliminates fire-cracking.

**Regular Equipment Furnished** Consists of: Cast iron fire-door, cast iron base, circular grate bar, hand-hole plates with arches, bolts and gaskets, steam gauge and siphon, gauge cocks, water gauge and glass, globe and check valve, blow-off cock and nipple, pop safety valve and stack hood. Extra furnished when Specified with Order: Injector fitted and stack.

Lookout Boilers are known for their heavy construction, simplicity and safety in design, superior workmanship, economy and easy steaming qualities.



## "Besco" Complete Steam and Washing Outfit

The Besco All-Steel Bottle-Washing Outfit gives you more real service and satisfaction for the money expended than any other outfit on the market. It is complete in every way, consisting of one High Pressure Boiler, fitted complete with all high-grade trimmings, including Penberthy Injector; one two-compartment, all-steel, round-bottom Wash Sink, each compartment 36 inches long, 28 inches wide, and 22 inches deep, drain board 20 x 28 inches fitted with large Sterilizer Hood and can-sterilizing jet, steam pipes, and noiseless heaters to each compartment; one Besco Steam-Turbine Bottle-Washer, with steam gauge and automatic grease-compression oil pumps. This machine is built for wear and is high grade in every respect.

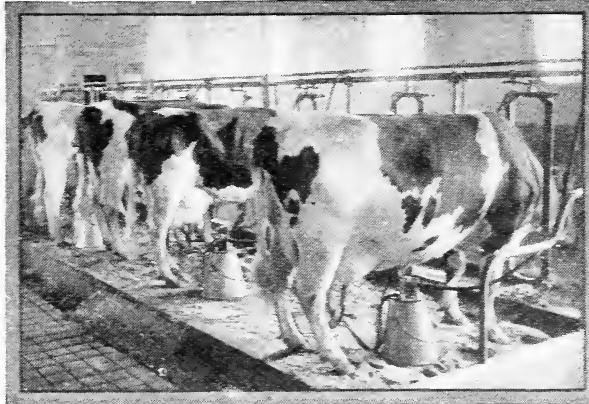
WRITE FOR PRICES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.



A BOTTLE OF MILK

IS A BOTTLE OF HEALTH.



## You Get More Than a Milker When You Buy the EMPIRE

You get not only the most economical, durable and easily operated milking machine on the market today but you get as well the continual help and advice of the entire Empire organization.

Empire men are thoroughly experienced in the dairy business. We have studied milking for years and know your needs. And in the Empire we have supplied them to the fullest extent—have given you a machine that takes the drudgery out of milking, makes dairying attractive to your boys, lowers your labor cost two-thirds, gets more and better milk and brings you bigger profits than you have ever received before.

Call or write for full information at once.

**Gorman-Gammill Seed & Dairy Supply Co.**

2328-30 Second Ave.

Birmingham, Ala.

### SEPARATORS

Write for illustrative price list and data on Separators. State capacity and also number of cows you wish same for.

All inquiries will be given prompt attention. We have a Milker and Separator man who is at your service.

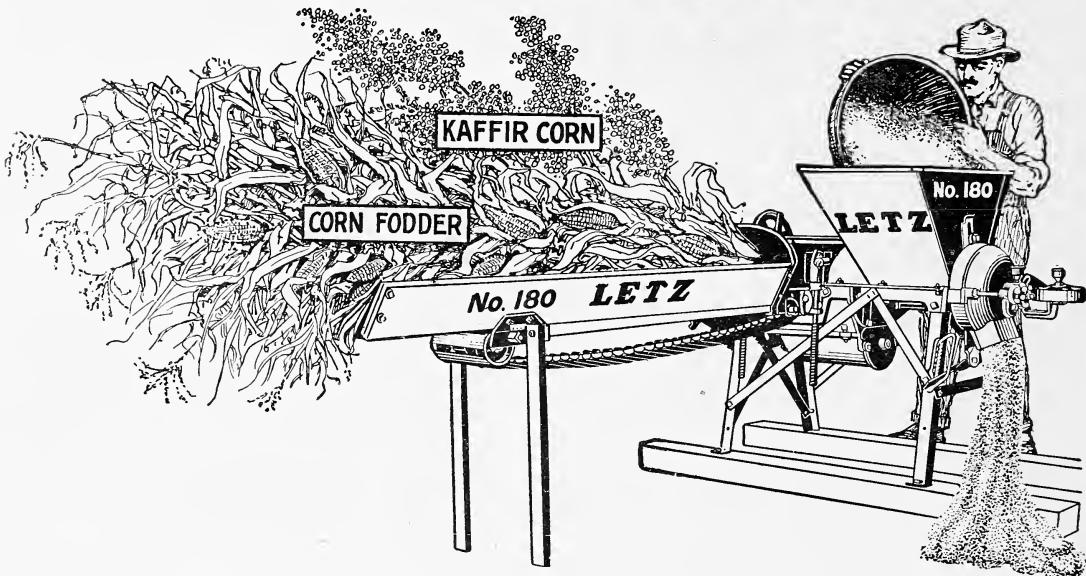
### A Few Empire Features That Increase Dairy Profits

1. Hand-made inflations with when insert. Do not stretch, insuring perfect teat cup action. An exclusive PATENTED Empire feature.
2. Single or double units to meet every dairy requirement.
3. Durable rubber parts that stand boiling.
4. Single pipe line with no complicated or moving parts to wear and get out of adjustment.
5. Only one pulsator for each unit and guaranteed against wear for four years. No charge for repairing and adjusting.
6. Low power cost.
7. H. P. Motor operates 4 double units milking 8 cows at a time.
8. Sanitary one-piece claw without moving parts to wear or get out of adjustment.

# EMPIRE

## Milking Machines

# LETZ-DIXIE



## 4 Ways of Increasing Profits FROM DAIRY COWS

### Increased Production

The Letz Dixie Mixed-Feed Maker is guaranteed to increase milk production, as it prepares the feed the way Nature intended—the roughage crops mixed with the grains or concentrates. By cutting and grinding corn stalks, snapped corn, kaffir corn, alfalfa, pea vine hay, etc., and mixing with ground ear corn, soy beans, velvet beans, cotton seed or other concentrates, you have a loose, bulky feed, which is necessary in feeding the dairy cow to get 100 per cent production. A bulky feed permits the digestive juices to penetrate every part of it. It carries the grains and concentrates into the first stomach. Later they are returned to the mouth, rechewed and mixed with saliva, which is the most important step in the process of digestion. Grains fed alone form a solid mass, which does not go into the first stomach, consequently are never returned to the mouth for rechewing, and are only about half digested. To get the most milk the feed must be loose, bulky, appetizing and nutritious.

**Reduced Feed Bill** Over forty per cent of the feeding value of the corn crop is contained in the stalks. The Letz-Dixie makes these stalks into a fine roughage feed. In fact, the Dixie will cut, grind and mix anything raised on the farm, nothing going to waste. By utilizing every vine, leaf and stalk, crops which were formerly wasted, you can easily cut your feed bill in half. There is money in dairying today, if the feed bill is held down to the minimum. You can do this with the Letz-Dixie.

### Better Health

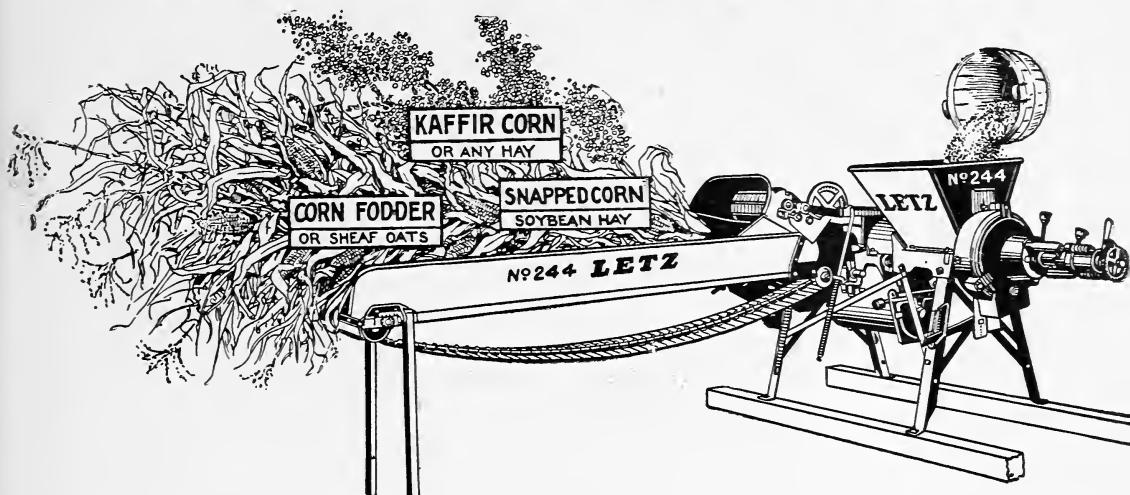
Your one consideration in feeding the Dairy Cow should be in behalf of her health and future usefulness. She serves you from twelve to fifteen years. Her production depends upon the protection you give her digestive system. She converts from 150 to 200 tons of feed-stuffs into milk or butter fat during her lifetime. Concentrated feeds fed without being mixed with roughage, form a hard, slimy mass, not readily digested. Consequently, unhealthy fermentation takes place, causing indigestion, and the final result is low producing, broken down tubercular animals. Mixed feed, made with the Letz-Dixie will keep your animals at top-notch production, and will keep all animals healthy and vigorous. A healthy animal well fed, will show a worth-while profit at the end of the year.

### Home Made Feed

Over \$1,000,000,000 was spent last year by farmers for fancy mixed feeds. Every ounce of this feed originally came from the farm. The Letz-Dixie will save this enormous sum by enabling the farmers to cut, grind and mix their own mixed-feeds from home-grown crops. Every ton of fancy mixed-feed you buy is costing you twice what it should. You are paying the mixed-feed manufacturer a fancy premium for grinding your own home-grown crops. You are also paying freight charges both ways. Home-made feeds from home-grown crops will solve your feeding problems. The Letz-Dixie on your farm will start you on the road to profitable dairying at once. Write for further particulars.



# MEAL-MAKER



## Make Silage More Profitable

Dry cut and ground roughage meal and silage go hand in hand, one supplements the other. They are a very effective combination when healthy animals, big production and low feeding costs are considered. Silage is not a balanced feed, and is not as easily digested as roughage meal; consequently it should not constitute the whole roughage part of the ration.

Feeding roughage meal made from corn, milo, kaffir or feterita prevents over-feeding of silage, besides

counteracting all its bad effects. It promotes health and greater milk flow from dairy cows. In steers it assures rapid gains and a better finish. It satisfies the animal's desire for dry feed and acts as a conditioner. Dry roughage meal can be fed in any quantity without silage, but it is dangerous to feed silage without roughage meal. Good silage, supplemented with cut and ground roughage meal makes the best, cheapest and most efficient roughage ration. Write for special catalog and prices.

**Price F. O. B. Crown Point, Indiana No. 180 \$166.25**

**Price F. O. B. Crown Point, Indiana No. 244 \$313.00**

Write for Prices on Ensilage Attachments

### Table of Capacities, Medium Fine Feed Meal, Letz-Dixie Mills

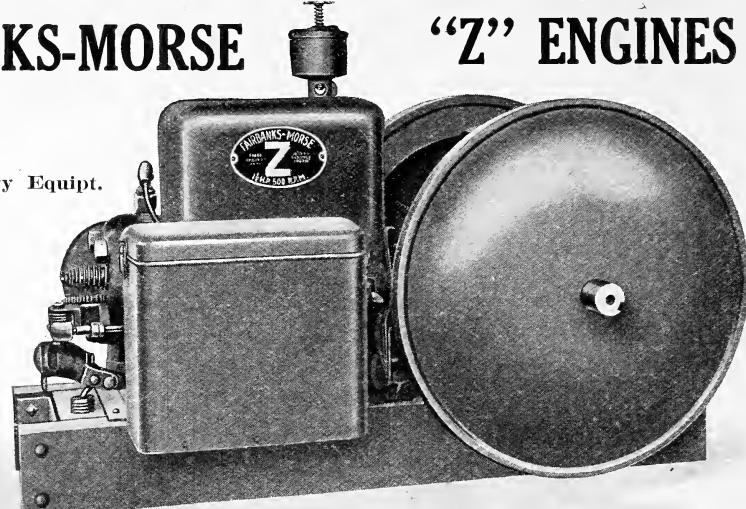
Kind of Roughage	No. 180 DIXIE Pounds per Hour		No. 244 DIXIE Pounds per Hour	
	6 H. P.	15 H. P.	15 H. P.	25 H. P.
Alfalfa or Clover Hay . . . . .	600	1500	2000	4000
Peanut vines or cow pea hay . . . . .	720	1800	2200	4400
Sheaf oats . . . . .	800	1800	2200	4000
Straw . . . . .	750	1800	2200	4000
Corn stalks with corn . . . . .	900	2000	2500	5000
Corn stalks without corn . . . . .	700	1500	2000	4000
Kaffir stalks (complete) . . . . .	700	2000	2500	5000
Kaffir heads only . . . . .	900	2500	3000	6000
Velvet beans with vines . . . . .	800	1600	2000	4000
Soy beans with vines . . . . .	800	1600	2000	4000
Oats . . . . .	800	1500	1800	3000
Ear corn . . . . .	1200	2800	2000	7000
Ear corn with shuck . . . . .	800	2000	2500	6000
Barley . . . . .	1000	2500	2500	4500
Rye . . . . .	800	2000	2200	4000

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

# FAIRBANKS-MORSE

## “Z” ENGINES

## 1½ H. P. Battery Equipt.

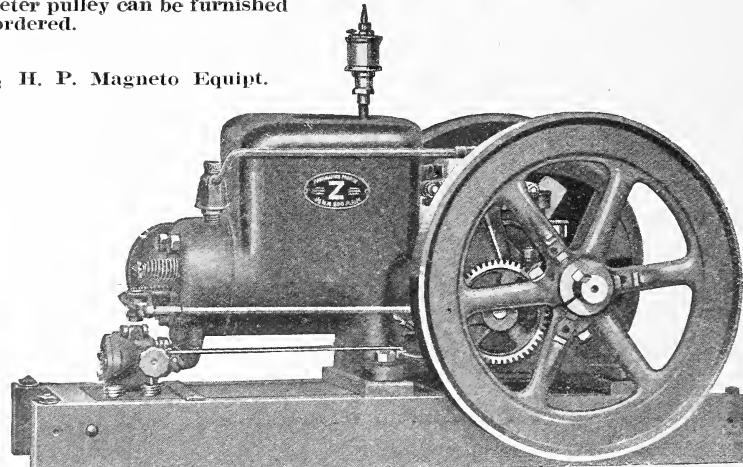


Specifications  
of 1½ H. P.  
and 3 H. P.  
"Z" Gasoline  
Engine (Bat-  
tery Equipt).

Outfit No.	Horse Power	Speed, R. P. M.	Pulley		Diameter of Flywheels, Inches	Fuel Tank Capacity, gallons	Cooling Water Hopper Capacity, Gallons	Floor Space with Starter Crank, inches	Extreme Height, Inches.	Approximate Shipping Weight	Code Word
4226	3 $\frac{1}{2}$	500	*4	10	16	1.0	3 $\frac{1}{2}$	30x31	20 $\frac{1}{2}$	250	Abeam
4272	3	475	4	6	22	2.5	3 $\frac{1}{2}$	37 $\frac{1}{2}$ x39	26 $\frac{3}{4}$	427	Dinna

**\*A 6 inch diameter pulley can be furnished when specially ordered.**

### 1½ H. P. Magneto Equipt.



## Specifications of "Z" Engines.

Outfit No.	Horse Power	Speed R. P. M.	Floor Space in inches with Starter Crank Allowance	Extreme Height in inches	Belt Pulley, inches	Size Fly-wheel in inches	Fuel Tank Capacity in gallons	Water Hopper Capacity in gallons	Approx. Shipping Wt., pounds	Code Word
4112	11 <sup>1/2</sup>	500	29 <sup>1</sup> / <sub>2</sub> x 37 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>2</sub>	14	17	1	5	260	Snvl
1577	6	475	37 <sup>1</sup> / <sub>2</sub> x 39 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>2</sub>	10	22	5	8	480	Shock
1578	6	450	43 <sup>1</sup> / <sub>2</sub> x 48 <sup>1</sup> / <sub>2</sub>	32 <sup>1</sup> / <sub>2</sub>	12	28	28 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	560	Shode

# Fairbanks-Morse Typhoon Pumps

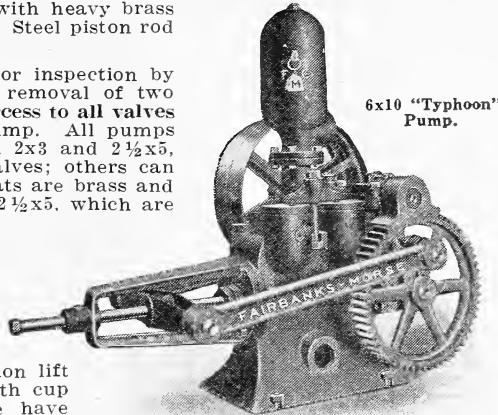
## Double Acting

These pumps have a single cylinder lined with heavy brass tubing so it will not corrode or become rough. Steel piston rod covered with brass

Any or all of the valves can be removed for inspection by simply loosening two nuts which allows the removal of two valves and four valve covers, permitting free access to all valves without disturbing any other parts of the pump. All pumps are regularly fitted with rubber valves except 2x3 and 2½x5, which are regularly fitted with brass wing valves; others can be fitted with brass valves to order. Valve seats are brass and screwed into the valve decks except 2x3 and 2½x5, which are fitted with a driven seat.

The main and pinion shaft bearings are babbitted and the connecting rods are provided with bronze bushings. The gears and pinions have machine cut teeth.

Each pump has an air chamber of sufficient size to insure uniform flow. Discharge can be turned to any quarter. Vertical suction lift not over 20 feet. The pistons are packed with cup leathers, except sizes 2x3 and 2½x5, these have pistons packed with square flax packing.



Sizes and Capacities—"Typhoon" Double-Acting Power Pumps—Belt Driven.

Cylinder, Inches	Stroke, Inches	Speed, R. P. M.	Capacity			Suction, Inches	Discharge, Inches	Tight and Loose Pulleys, Inches	Ratio of Gearing	Floor Space, Inches	Height Over All, Inches	Approx. Shipping Weight, Pounds	Code Words
			Gals. per Revolution Displacement	Gals. per Minute Displacement	Maximum Pressure, Pounds								
2	3	60	.077	4.60	200	1	1	10x2 $\frac{1}{2}$	3-1	27x16	26 $\frac{1}{2}$	120	Nacre
2 $\frac{1}{2}$	5	50	.179	8.98	80	1 $\frac{1}{2}$	1	10x2 $\frac{1}{2}$	3-1	28x17 $\frac{1}{4}$	23	125	Nacker
3	5	40	.191	7.62	200	1 $\frac{1}{2}$	1	16x4	5-1	40x30 $\frac{1}{2}$	35 $\frac{1}{2}$	400	Nibbed
5	5	40	.293	11.72	80	1 $\frac{1}{2}$	1 $\frac{1}{2}$	16x4	5-1	39x22	33 $\frac{1}{2}$	280	Naid
6	10	40	2.383	33.14	80	2	2	16x4	5-1	43x30 $\frac{1}{2}$	35 $\frac{1}{2}$	450	Naive
					80	3	3	24x4	5-1	56x37 $\frac{1}{2}$	49	1200	Nadder

Air Compressor forces air into pipe line holding proper pressure in tank and keeping water aerated, fresh and sweet.



3x5 "Typhoon" Pump With Air Compressor Attachment.

## "Typhoon" Power Pumps With Air Compressors

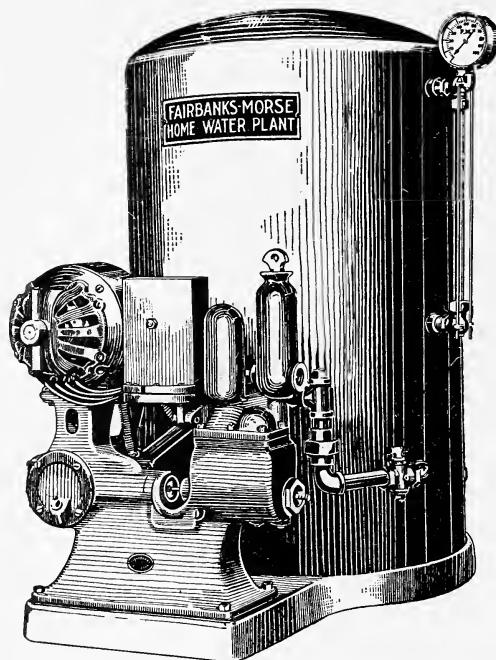
The "Typhoon" pump and air compressor unit illustrated is designed for use with farm or suburban home pneumatic water systems. It has the double advantage of greater compactness and a more moderate price than a separate pump and compressor. As air is pumped into the pipe line by the compressor end of the set, the tank pressure is maintained and the water kept fresh and palatable. The highest standards of construction—ample cooling fins, metal piston and standard compressor valves—insure unfailing operation and long life.

Sizes and Capacities—"Typhoon" Pumps with Air Compressor Attachment—Belt Driven.

Cylinder, Inches	Stroke, Inches	Speed, R. P. M.	Capacity			Suction, Inches	Discharge, Inches	Tight and Loose Pulleys, Inches	Ratio of Gearing	Floor Space, Inches	Height Over All, Inches	Approx. Shipping Weight, Pounds	Code Words
			Gals. per Revolution Displacement	Gals. per Minute Displacement	Maximum Pressure, Pounds								
3	3	50	.179	8.98	80	1 $\frac{1}{2}$	1	10x2 $\frac{1}{2}$	3-1	28x17 $\frac{1}{4}$	23	150	Showy
3	5	40	.293	11.72	80	1 $\frac{1}{2}$	1 $\frac{1}{2}$	16x2	5-1	39x22	33 $\frac{1}{2}$	310	Shred
5	5	40	.288	33.14	80	2	2	16x4	5-1	43x30 $\frac{1}{2}$	35 $\frac{1}{2}$	490	Shrew
6	10	40	2.383	95.34	80	3	3	24x4	5-1	56x37 $\frac{1}{2}$	49	1250	Shrub



# Fairbanks-Morse Home Water Plants



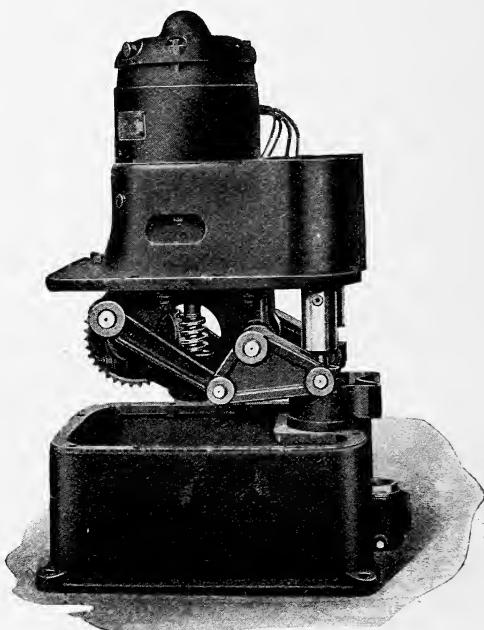
200-gallon pump with 35-gallon galvanized pressure tank. Can also be furnished with the 70-gallon tank.

## For Shallow Wells

(Lifts of 22 feet or less)

The Fairbanks-Morse Home Water Plant is a decided contribution to the modernization of any home where city water pressure is not available. Or, if the city water is hard and unsuitable for washing purposes, the Home Water Plant will handle the cistern or soft water supply. The installation of a Home Water Plant means water under pressure at the turn of a faucet anywhere in the house, yard or barn.

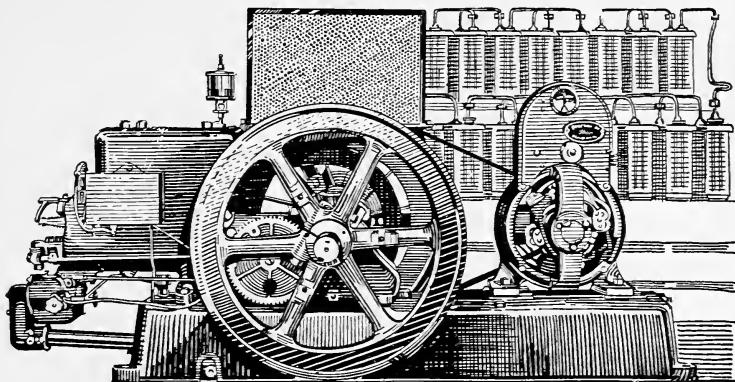
The plant is designed for use only where electric service is available, and for lifts of 22 feet or less. It can be furnished with motor to operate from the Home Light Plant if desired. It is self-starting, self-stopping, self-oiling and self-priming—starts automatically when the pressure in the tank gets low and stops automatically when the tank pressure builds up to the maximum for which the pressure switch is set. It requires no attention, except an occasional replacement of the oil in the pump base. Made in two pumping capacities, 200 and 400 gallons per hour.



## For the Deep Well

The deep well pump is for lifts greater than 22 feet. The pump head in addition to lifting the water out of the well, will discharge against a pressure as high as 40 pounds, which is equivalent to raising the water 80 feet (including friction in the discharge pipe above the pump).

Showing how the entire Assembly lifts out of housing base.



## This Two-Fisted Helper Supplies Electric Light and Engine Power

Electric  
LIGHT 

By combining the famous "Z" Engine with an equally sturdy, dependable generator and 16-cell, 32-volt battery, Fairbanks-Morse engineers have made it possible for you to have both electric light and engine power from one plant at one cost.

The Fairbanks-Morse Home Light Plant supplies all the electricity you will need for lights and electrically operated conveniences, plus engine power. Engine power is available at the belt pulley at the same time you are charging the battery; or you can use the plant for electricity alone, or for engine power alone—just as you like.

This plant is very simple. The engine is the famous Fairbanks-Morse "Z" type, now used on more than 325,000 farms.

Come in and see this more useful plant.

Engine  
POWER 

*Double Duty*  
**FAIRBANKS-MORSE**  
**Home Light Plant**

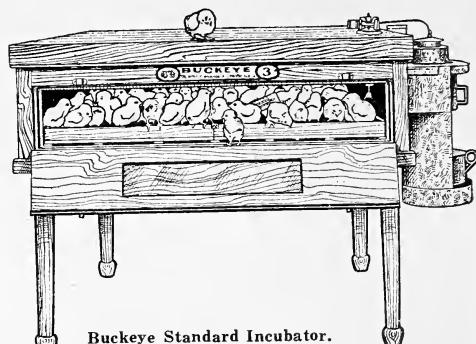
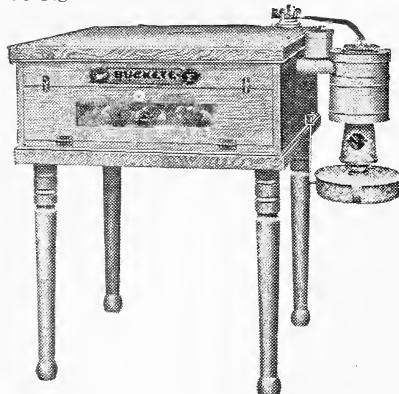


# Buckeye Incubators

## HATCH MORE AND STRONGER CHICKS

The Buckeye will hatch more chicks and stronger chicks than any other make Incubator. It requires no artificial moisture; will operate successfully in any climate, and requires no attention to the regulator from the time a hatch is started until it is finished.

Buckeye "Standard" Incubators are equipped with every desirable device that could possibly add to the efficiency of an incubator. Only the best of materials are used, and each machine is inspected by the National Board of Insurance Underwriters before they leave the factory.



Buckeye Standard Incubator.

## BUCKEYE "STANDARD" INCUBATORS

No. 1—Capacity 120 eggs .....	Price \$ 37.50
No. 2—Capacity 175 eggs .....	Price 44.50
No. 3—Capacity 250 eggs .....	Price 57.75
No. 4—Capacity 350 eggs .....	Price 68.00
No. 5—Capacity 600 eggs .....	Price 107.00

## NO PREVIOUS EXPERIENCE NECESSARY

It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or a girl can operate it as satisfactorily as an experienced operator.

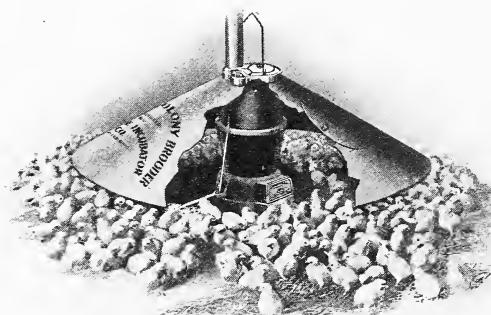
## BUCKEYE "STYLE E" INCUBATORS

No. 14—Capacity 65 eggs .....	Price \$16.50
No. 16—Capacity 120 eggs .....	Price 27.50
No. 17—Capacity 210 eggs .....	Price 36.75

This incubator is especially adapted for use by the small producer. It has all the equipment of the larger machines, and will hatch just as many high quality chicks as the larger sizes.

## BUCKEYE GUARANTEE

This Buckeye Incubator is guaranteed to hatch every hatchable egg, and we further guarantee the perfect working of all its mechanical parts. Should the Incubator fail to fulfill our guarantee in any particular, it may be returned to us at our expense (via freight) any time within 40 days after its receipt, and we will send the purchaser a new incubator in exchange.



Buckeye Coal-Burning "Colony" Brooder.

## BROODER NO. 25

### Capacity Up to 1,200 Chicks

Height of Stove .....	24 inches
Diameter of Grate .....	10 inches
Diameter of Base .....	14 inches
Diameter of Canopy .....	56 inches
Stove Equipped with Rocker Grate, Self-Cleaning and Anti-Clog. Equipment includes Rope and Pulleys for Canopy.	
Weight—Crated for shipment, 109 Pounds.	

Price, \$30.00.

## BROODER NO. 27 Capacity Up to 200 Chicks

Diameter .....	34 inches
Shipping weight .....	40 lbs.

Price, \$17.50.

## BROODER NO. 28 Capacity Up to 350 Chicks

Diameter .....	42 inches
Shipping weight .....	50 lbs.

Price, \$20.00.

## BROODER NO. 29 Capacity Up to 500 Chicks

Diameter .....	52 inches
Shipping weight .....	60 lbs.

Price, \$22.50.

## BROODER NO. 18 Capacity Up to 500 Chicks

Height of stove .....	20 inches
Diameter of Grate .....	8 1/4 inches
Diameter of Base .....	11 inches
Diameter of Canopy .....	42 inches
Stove Equipped with Rocker Grate, Self-Cleaning and Anti-Clog. Equipment includes Rope and Pulleys for Canopy.	
Weight—Crated for shipment, 75 Pounds.	

Price, \$21.50.

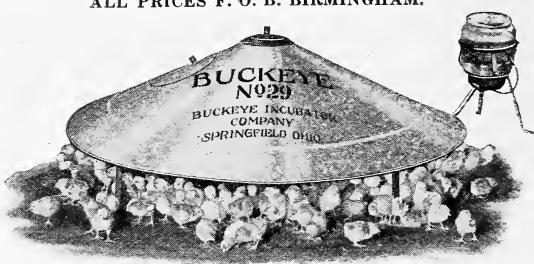
## BROODER NO. 19 Capacity Up to 1,000 Chicks

Height of Stove .....	21 1/2 inches
Diameter of Grate .....	9 inches
Diameter of Base .....	12 inches
Diameter of Canopy .....	42 inches

Stove Equipped with Rocker Grate, Self-Cleaning and Anti-Clog. Equipment includes Rope and Pulleys for Canopy.	
Weight—Crated for shipment, 95 Pounds.	

Price, \$26.50.

## ALL PRICES F. O. B. BIRMINGHAM.



Buckeye Blue Flame "Colony" Brooder.

WRITE FOR SPECIAL CATALOG ON BUCKEYE INCUBATORS AND BROODERS

# Aluminized Metal Egg Crates

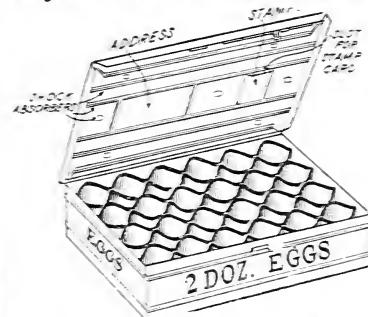
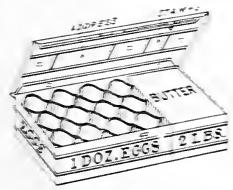
## FOR PARCEL POST

NEW MODEL

With the new metal edge filler, solve the problem of shipping eggs, butter and other soft products by parcel post. They do not wear out, hence are built for continued use, being strongly constructed, yet light in weight. They will soon pay back the original price of crate in economy and no breakage. It is good for several years usage with regular weekly shipments.

Metal Egg Crates do not require outside wrapping for mailing. A permanent lock pin holds the lid securely closed. The pin cannot lose.

Style No. 1 With Metal Edge Filler  
and Permanent Lock Pin



### Metal Edge Filler

This is a wonder—so strongly made that it will not require replacements. Every user praises the New Model with the Metal Edge Filler. Nothing better can be made to stand the jar and shocks in transit.

### Prices and Sizes

1 1/2	doz. size, all eggs	.. \$1.25
2	doz. size, all eggs	.. 1.50
3	doz. size, all eggs	.. 1.75
4	doz. size, all eggs	.. 2.00
6	doz. size, all eggs	.. 2.50

### Eggs and Butter

No. 1, 2 lbs., 1 doz. eggs	.. \$1.50	No. 4, 8 lbs. (3 2-lb.)	\$2.25
No. 3, 12 lbs. (3 4-lb.)	.. 2.50	No. 6, 18 lbs. (2 3-lb.)	3.00
No. 7, 24 lbs. (2 12-lb.)	.. 3.50		

### Butter Only

Containers	
No. 4, 8 lbs. (3 2-lb.)	\$2.25
No. 6, 18 lbs. (2 3-lb.)	3.00
No. 7, 24 lbs. (2 12-lb.)	3.50

## This Year Save Your Baby Chicks

### BROODER \$4.96

F. O. B.  
YOUR  
STATION

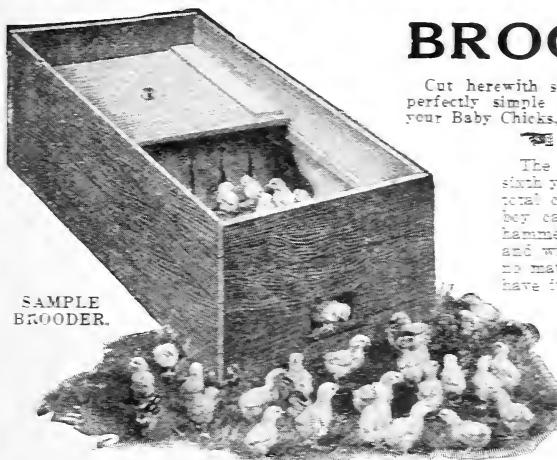
Cut herewith shows the Putnam Home-Made Brooder complete—A perfectly simple and simply perfect! LOW-COST Brooder for saving your Baby Chicks, either those you hatch yourself or those you buy.

SEE SAMPLE BROODER AT LEFT.

The materials used to make it were one shoe box, one-sixth yard of oil cloth and one Putnam Brooder Heater. The total cost, including heater, was \$4.96. A fourteen-year-old boy can build one in an hour with no tools but saw and hammer. This brooder will accommodate from 25 to 60 chicks and will take better care of them than any brooder made, no matter how elaborate or expensive. Build one NOW and have it ready for the young chicks when they come. Write for plans for making this Brooder and testimonials from satisfied users. We will send you the plans FREE.

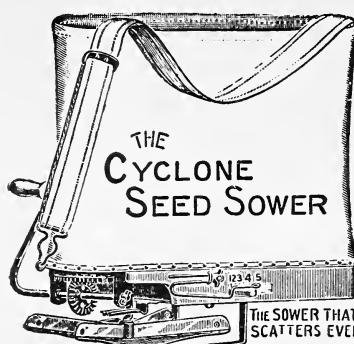
### GUARANTEE:—

We guarantee the Putnam Brooder Heater to give satisfaction or it may be returned within 30 days of shipment and the money paid for it will be refunded.



## Advantages of the Putnam Home-made Brooder

Requires filling BUT ONCE A WEEK—no other attention. Patented principle—EFFICIENCY guaranteed. Thusands in use. Every OTHER BROODER must be filled and trimmed SEVEN TIMES a week. Putnam HOME-MADE BROODER is adapted to any size plant from 25 to 60 chicks in one brooder to any greater number desired; simply use more brooders. Is particularly adapted to needs of small breeder and back-lotter who aims to produce one lot of chicks or a few dozen.



## A Seed Sower Every Farmer Can Afford

THE "CYCLONE" SEED SOWER has won for itself first place among all kinds of Hand Seed Sowers. It has proven in thousands of instances that it is the most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

**A Slope Feed-Board.** All working parts are attached to a rigidly built frame made from thoroughly kiln-dried lumber.

**Automatic Feed Adjustment.** A positive force feed. Is quickly adjusted for different seeds. Flow can be started or stopped instantly by the touch of a lever.

**Distributing Wheel.** Is made with double flanges and has an inter-lock metal hub which gives the wheel a proper dish and locks it securely, making an exceptionally strong and rigid wheel.

**Adjustable Gears.** All gears are easily adjustable to take up possible wear.

**Convenience.** The "CYCLONE" is carried by means of a strap over the operator's shoulder and the frame is shaped to rest comfortably against the side of the body.

**Capacity.** The bag or seed container is made from heavy canvas ducking and will hold one-half bushel.

**Low Priced.** Our splendid equipment for manufacturing Hand Seed Sowers, and large annual sales, enables us to furnish this high quality Sower at a very low price. It will quickly repay the owner its original cost in the saving of seed and labor, and no farmer, knowing its great value, would be without one for many times the price we ask for it.

Price, \$2.25 each.



## Dairy Sterilizer-Deodorant-Disinfectant For Dairy Products Factories

B-K sterilizes completely; kills all bacteria on contact. B-K banishes off odors. Penetrates grease film that lines the inside surfaces of pre-heaters, vats, cans, etc. No special equipment necessary. Used with 100 per cent effectiveness in cold water. Saves coal and labor. Cheap to use. 1 gallon B-K makes 300-500 gal. sterilizer.

### For Dairy Farmers

Best known sterilizer for milking machines. Invaluable as rinse for buckets, pails, cans, separators, etc. Penetrates grease film left by milk or cream. Kills bacteria on contact. No extra equipment needed. Highest degree of farm sterilization possible with this plan. Lowest cost.

#### PRICES:

10 oz., 60c; 1 qt., \$1.25; 1 gal., \$3.00;  
5 gal., \$12.50.

## Blatchford's Calf Meal

THE COMPLETE MILK EQUAL RAISE MORE AND BETTER CALVES WITHOUT MILK.

In fact, if you stop to consider that almost everywhere a pound of Blatchford's Calf Meal can be bought for not over 10 cents, and a pound is equal in feeding value to a gallon of milk, and that where it is fed, the calf's development is more rapid, and the trouble of feeding no greater, you will not feed expensive dairy milk, but use Blatchford's Calf Meal instead.

Healthy calves are always raised and by actual comparison the largest gains in both growth and weight are reported, where Blatchford's Calf Meal is fed.

It is not only nourishing but actually contains the necessary elements to reproduce the feeding value of the butter fats of whole milk, and is thoroughly steam cooked. One hundred pounds of Blatchford's Calf Meal make 100 gallons of rich milk substitute. Two table-spoonsful in gruel form as directed, is a full feed at the start. Explicit feeding directions in every bag. A compliance with them will insure perfect results.

Finally, Mr. Dairymen, if you are to continue in the dairy business, you will have to discontinue the practice of killing your calves, especially your heifer calves. There is no reason why you should not raise all your calves. Blatchford's Calf Meal will do the trick, and at the same time raise a fine cow for you. We have had a lot of experience with this and know whereof we speak. Order a trial bag today. Start now to make money from your calves. 25-lb. bag, \$2.00; 100 lbs., \$8.00, f. o. b. Birmingham, Ala.



## Bee Supplies

We carry a complete line of G. B. Lewis Bee Supplies. Can make prompt delivery of any size order. Write for Bee Supply Catalogue.

## Bird Cages and Sundries

We carry a complete stock of Germ: n Fancy Bird Cages and Sundries.

Cages from \$4.00 up. Either Brass, Wicker or Enamel.

We carry also a most complete line of Hendryx Bird Cages, all styles and colors, \$4.00 up.

## Birds

We are importers of Hartz Mountain Singers. Every bird guaranteed to sing.

St. Andreasberg Rollers. And all kinds of fancy birds.

## Hardware

We carry an immense stock of Hardware, but do not catalogue it.

Write us for prices before you buy your Paints, Wire Fencing and Roofing. We can save you money.

## Poultry Supplies

We carry an immense line of Poultry Supplies and Feeds.

Write us for illustrated catalogues. And also prices on feeds.

## Successful Spraying

Write us for information on Successful Spraying.

We carry a complete line of Insecticides and Fungicides.

We carry all kinds of Remedies for stock.

## If you are in the market for a Silo, Water Tank or Cutter

Write us and we will have our man see you or will be glad to send you illustrated price list.

From \_\_\_\_\_  
Post Office \_\_\_\_\_  
R. F. D. No. \_\_\_\_\_ State \_\_\_\_\_

STAMP

**Gorman-Gammill Seed Co.**

**Birmingham,**

**Nos. 2328-2330 Second Ave., N.**

**Alabama**

**Quality—**  
Made Us Famous

**Service—**  
Made Us Grow

**“A Seed For Every Need”**

NOTICE.—The Gorman-Gammill Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be at once returned.

# Gorman-Gammill Seed Company

2328-2330 Second Avenue, Birmingham, Ala.

Long Distance Telephone Main 3236

Name .....	Amount Enclosed
Post Office .....	P. O. Order \$.....
R. F. D. No.....	Box No.....
County .....	State.....
Express Office (If different from P. O.)-----	
Forward by (State here whether wanted by Mail, Express or Freight -----	
Date.....	19.....
	Total - \$.....

PLEASE CARRY OUT THE PRICE OF EACH ITEM

LETTERS REQUIRING AN ANSWER SHOULD BE WRITTEN ON A SEPARATE SHEET FROM THE ORDER, TO INSURE A PROMPT REPLY.

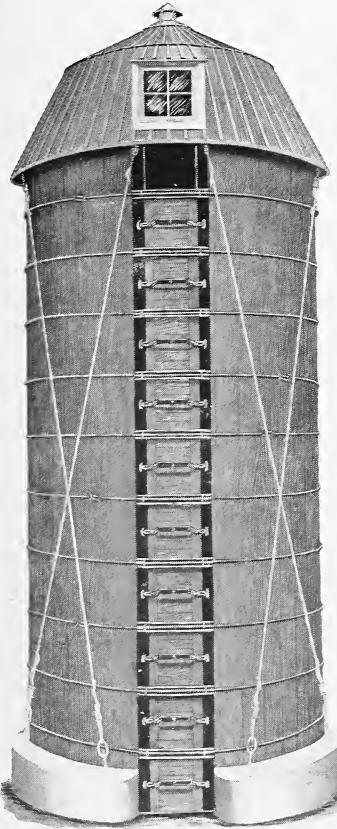
WRITE ALL YOU WANT TO SAY ABOUT THIS ORDER ON THIS SHEET—REQUESTS FOR QUOTATIONS AND OTHER INFORMATION REQUIRING AN ANSWER ON A SEPARATE PIECE OF PAPER.

Name \_\_\_\_\_ P. O. Address \_\_\_\_\_

Name..... P. O. Address.....

Name..... P. O. Address.....

Gorman-Gammill Seed Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants they sell, and they will not be in any way responsible for the crops. If the purchaser does not accept the goods on these terms they are at once to be returned, and money, if any has been paid, will be refunded.



# CHAMPION SILOS

## Made of Heat and Pressure Oil Filled Staves Fits Every Purse

We take great pleasure in advising our friends, customers, and prospects that we have found and contracted as factory agents for a Silo that meets our ideas of the Best Silo. Better than any we have ever seen, meets all requirements of the Dairyman, Farmer and Feeder. Meets climatic conditions, service requirements, fits the pocketbook of the South like an old glove fits the hand.

### WHY THIS SILO LEADS THEM ALL

Made of Heat and Pressure oil filled staves milled from 2 x 6 stock—Cannot Rot or Swell.

Treated Staves are embedded or planted in concrete foundation which means, Silo cannot creep or twist.

Interlocking Anchors, fastened into foundation and at top to inside channel steel and outside to top hoops, and cables crisscross from foundation to Hold Silo Rigid. Cannot blow over, forms One Unit Construction from foundation to top.

Heavy Steel Door Frame, forms continuous door opening, gives silo great strength where it is needed.

Red Wood Doors, never bind or warp; fastened with patented latch and ladder. Makes them easy to remove and latches on doors form ladder which makes top of silo easy to reach.

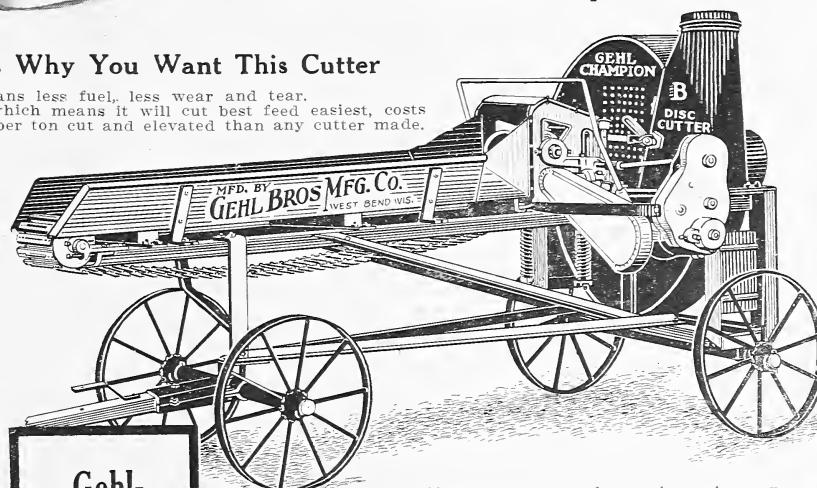
Point for point it's the most modern, most satisfactory, most highly improved 100 per cent ensilage-keeping silo that money can buy. The biggest silo value on the market.

## GEHL - CHAMPION is Self Feeding Needs One Man Less to Operate

### 10 Reasons Why You Want This Cutter

1. Low speed means less fuel, less wear and tear.
2. Big capacity, which means it will cut best feed easiest, costs less fuel and oil per ton cut and elevated than any cutter made.
3. Light power, and light draft, less vibration, less repair expense.
4. Self feeding, large tensioned accelerating compression roll, eliminates man to feed.
5. Clean cutting, because of positive and accurate knife adjustment.
6. Steel working parts, eliminates break-downs and repair expense.
7. One unit frame construction of steel, eliminates binding in bearings, vibration and breakage.
8. All gears enclosed in solid cast-iron housings; dust-proof, dirt-proof, gears oiled by splash system.
9. Easy to oil. Only eight places on entire cutter to oil.
10. Length of cut easy to change, just loosen one set screw and slip shaft, no gears or chains to adjust.

Gehl-  
Champion  
Ensilage  
Cutters



Fifty-seven years of experience in manufacturing feed cutting machines, stand back of Gehl-Champion Ensilage Cutters that means these cutters have service, long life satisfaction and reputation built into them, and wherever they are known and used, are considered best of all. From investigations made we can offer them to our trade with the utmost confidence that they will meet all requirements and live up to all claims.

Gorman-Gammill Seed & Dairy Supply Company  
BIRMINGHAM, ALABAMA



## **GORMAN'S GOLD LINED ROCKY FORD**

This great and new Cantaloupe is all that its splendid name implies. It is one of the surest croppers of the Cantaloupe family. Meat is of rich gold color and as sweet as sugar. As is the habit with a great many varieties of Cantaloupe, this one does not crack and will stand long hauling. This variety is destined to become the most popular variety with truckers that has ever been offered. We have only a few hundred pounds of these seeds to offer and will not be able to secure more stock this season. Pkt., 10c; oz., 20c; 1-4 lb., 50c.